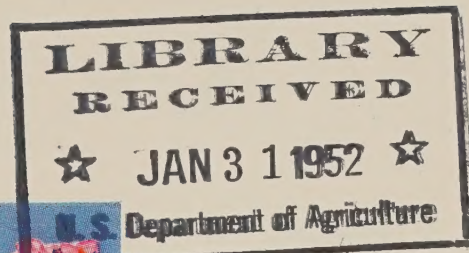


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Larkspur, page 15

1952 Catalog

Flower and Vegetable Seeds
Summer Flowering Bulbs and Supplies

A. H. Hummert
Seed Co.

2746 - 48 Chouteau Ave.

Phone GRand 0646

ST. LOUIS 3, MISSOURI

A. H. HUMMERT SEED CO.

Catalog for 1952



Prices in This Catalog Are Subject to Change Without Notice



LAWN GRASS SEED

All our Lawn Grasses are re-cleaned and tested for highest quality, purity and germination.

One pound of Lawn Seed will sow 10x30 feet; 75 to 100 pounds to the acre.

OUR FINEST LAWN MIXTURE

VELVET LAWN SEED

The finest balanced mixture of the best Kentucky Blue Grass, Fancy Re-cleaned Red Top, small percentage of Rye Grass and White Clover. The best lawn mixture for this climate. 3 lbs., \$2.75; 5 lbs., \$4.25; 10 lbs., \$8.50; 25 lbs., \$17.75; 100-lb. bag, 64c per lb.



ALTA FESCUE

Excellent for roadsides, athletic fields, airports etc.—quite drought resistant—deep rooted, coarse for lawn purposes. 5 lbs., \$4.75; 25 lbs., \$23.00.

BENT, COLONIAL or HIGHLAND (*Agrostis tenuis*)

An excellent all-around Bent for lawns, greens, parks and playing fields; grows on wide range of soils; spreads mainly by underground root stalks or rhizomes, making a deep reinforced sod. 1/2 lb., 85c; 1 lb., \$1.50; 5 lbs., \$7.00.

BENT, SEASIDE

This is the variety which was first identified in Oregon. It is a hardy creeping variety forming a close, matlike sward. 1/2 lb., 85c; 1 lb., \$1.50; 5 lbs., \$7.00.

BERMUDA

It is of dwarf habit with long creeping stems, rooting at the joint and covering the ground with a matting of fine turf. 1 lb., 60c; 5 lbs., \$2.75.

KENTUCKY BLUE GRASS B-27

A new selection of blue grass of a wider blade and darker green color. Seed stock is very limited. Per lb., \$4.50.

BLUE GRASS, KENTUCKY (*Poa pratensis*)

Fancy extra re-cleaned. Kentucky Blue Grass is largely used for lawns and when once established, lasts indefinitely. Deep rooting and has an attractive color. For lawns, sow 5 lbs. per 1000 sq. ft. 5 lbs., \$4.50; 10 lbs., \$9.00; 25 lbs., \$20.50; 100-lb. bag, 68c per lb.

BLUE GRASS, KENTUCKY SUPREME BRAND

94 per cent pure. This seed is re-cleaned to the highest purity obtainable. 5 lbs., \$5.00; 10 lbs., \$10.00; 25 lbs., \$22.50.

CREEPING RED FESCUE

A variety of Fescue; superior to Chewings. This fine-leaved grass produces a bright green turf, especially well adapted for tree shade. Sow 5 lbs. per 1000 sq. ft. 3 lbs., \$3.50; 5 lbs., \$5.50; 10 lbs., \$11.00; 25 lbs., \$26.25.

SHADY LAWN MIXTURE

Blended of species that have been proven by test to best survive shaded and adverse conditions. 1 lb., \$1.00; 5 lbs., \$4.50; 10 lbs., \$9.00; 25 lbs., \$20.00.

RED TOP, FANCY

Red Top is a remarkable grass accommodating itself to a variety of soils and conditions. It is strongly drought resistant. 3 lbs., \$2.00; 10 lbs., \$6.50; 25 lbs., \$14.50.

RYE GRASS, PERENNIAL

A hardy grass of quick growth, suitable for lawns and meadows. 3 lbs., \$1.00; 5 lbs., \$1.60; 10 lbs., \$3.20; 100 lbs., \$24.00.

RYE GRASS

Succeeds well on almost any soil, but is particularly adapted to moderately moist lands. 3 lbs., 70c; 5 lbs., \$1.00; 10 lbs., \$2.00.

WHITE or DUTCH CLOVER FOR LAWNS

A low growing Clover. Very desirable for beautifying the lawn. 1 pound covers 600 square feet. 1/2 lb., 75c; 1 lb., \$1.25; 5 lbs., \$6.00.

Fertilizers for Gardens: Vigoro, Vertagreen and Milorganite

PLEASE NOTE

USE OUR ORDER SHEET. It will be of great help to us in filling your order correctly and speedily, if you will use the Order Sheet sent you with the catalog. **Please Keep a Copy of Your Order.**

NO C.O.D. SHIPMENTS. We advise against C.O.D. orders because of delays and excessively high collection charges.

POSTAGE for parcel post shipment, all flower seed will be sent prepaid. Vegetable seed by oz. and 1/4 lb. will be prepaid.

NOT POSTPAID. Beans, Peas, Sweet Corn, Lawn Grass Seed listed by pound. Insecticide and supplies if wanted by parcel post, please include enough to cover postage. If you overpay, same will be refunded. Large packages or shipments of considerable weight travel more cheaply by express or truck.

ROUTING. Please give explicit shipping directions with each order, if wanted by Express, Truck or Freight. If no directions are given, we will use our best judgment, but all goods travel at purchaser's risk.

IMPOSSIBLE TO GUARANTEE CROPS

Warranty. Although we try our best to please we cannot warrant in any way, expressed or implied, the contents or description, purity, productiveness or any matter of any seeds, bulbs or plants and we will not in any way be responsible for the crop. If the purchaser does not accept these goods on the above terms no sale is made thereof and goods must be returned at once.

Again we say for the business you have sent us we are grateful, and trust we may continue to serve you carefully and promptly.

A. H. HUMMERT.

VEGETABLE SEEDS

One of the most profitable spring crops for the greenhouse or hotbed plant is seedling vegetable plants for home gardens. We are offering vegetable seeds only in the best standard varieties for market and home garden.

ASPARAGUS

Mary Washington. (Rust-proof.) Undoubtedly the finest rust-resistant variety grown. Shoots thick; heavy yielder of fine quality. Oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50. Roots available during March and April. Doz., 50c; 100 for \$3.50.



\$2.00; 10 lbs., \$3.50.

Landreth Stringless Green Pod. 50 days. Developed from a selection out of Burpee's Stringless Green Pod. Excellent for shipping and canning. Pkt., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.50.

Tendergreen. 53 days. Leading all purpose round pod bean for market gardeners, shippers and canners. An improved variety. Pkt., 15c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00.

BUSH WAX BEANS

Pencil Pod Wax. 52 days. The pods average 5 to 6 inches in length, a round-podded wax variety.

Round Pod Kidney Wax. A leader and standard in the wax pods as a canning variety. Has supreme quality.

Above Two Varieties:

Large pkt., 15c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 5 lbs., \$2.25.

BUSH LIMA BEANS

Burpee's Improved Bush Lima. 80 days. Grows 10 to 30 inches; handsome large pods. Pkt., 15c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 5 lbs., \$2.25.

Henderson's Bush Lima. 74 days. Produces enormous crops. Small seeded—sure to produce under any conditions. Pkt., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00.

Fordhook Bush. 75 days. The outstanding variety for home and market, producing a very heavy crop of large fat pods. Pkt., 15c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 5 lbs., \$2.25.

POLE LIMA BEANS

King of the Garden. 84 days. One of the best pole Limas, large leaved, good climber. Pods about $4\frac{1}{2}$ to $5\frac{1}{2}$ inches long. Large pkt., 15c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 5 lbs., \$2.25.

BEANS

Green - podded Varieties. (1 lb. will plant 150 feet.

Bountiful. A familiar variety extensively used by shippers, home and market gardeners. The earliest of the flat pod varieties. Pkt., 15c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00.

Black Valentine Stringless. 52 days. Accepted by shippers and market gardeners as the finest of all the Valentine strains. Pkt., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 5 lbs., \$2.25.

POLE BEANS

One pound will plant 200 hills.

Kentucky Wonder, Old Homestead. 65 days. Uncelled for home and market garden.

St. Louis Perfection. 70 days. An early maturing, green-podded, white-seeded pole sort, desirable for snaps and unsurpassed in its class as green shell Beans. The pods are round.

Large pkt., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00.



Detroit Dark Red Beet

BEETS

1 oz., to 60 ft. row.

Sow seeds as early in the spring as the ground can be worked. For a continuous supply make repeated sowings 3 to 4 weeks apart.

Sow seed in rows $1\frac{1}{4}$ to 2 ft. apart, cover with $\frac{1}{2}$ in. of fine soil.

Early Wonder. 50 days. Earliest and best for early market or home garden. Tops short, flesh dark red. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.25.

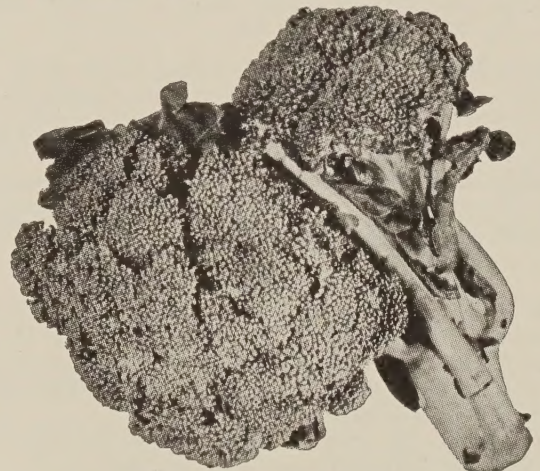
Detroit Dark Red Selected. 55 days. The best all-purpose beet. Superb quality, good keeper and should be used for main crop for home or market. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.25.

Chard Lucullus. 60 days. The most commonly grown. A fine home variety satisfactory also for market use. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c.

MANGEL BEET

Used largely for winter feeding of your stock. Sow seed in early spring in rows 2 to 3 ft., apart; cover with $\frac{1}{2}$ in. of soil.

Mammoth Long Red. Oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., 85c.



BROCCOLI

(Ounce will produce about 2000 plants)

Italian Green Sprouting Calabrese. 60 days. None better for shippers, home or market. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50.

BRUSSELS SPROUTS

(Ounce will produce about 3000 plants)

Long Island Improved. 90 days. A fine sort for home or market. Commonly grown as fall, winter or early spring crop. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50.



CABBAGE

For earliest crop, start seed in hotbed; for medium early Cabbage, seed may be sown in a cold frame or open-ground seedbed in early spring. Sow late Cabbage for winter use in a seedbed outdoors when soil has become thoroughly warm. A packet will produce about 250 plants, an ounce will produce about 2000 plants.

All Seasons. 80 days. Of the flat Dutch type and a first class main crop. The heads are very large and solid. $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

Copenhagen Market. (Select.) 66 days. A very choice strain. Medium-sized heads; compact, good yielder. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

Charleston Wakefield. 70 days. Large, heart-shaped, average weight 4 to 5 lbs. For home and market garden. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., 90c.

Detroit. (Yellows Resistant.) Similar to Golden Acre except larger head. It is very uniform, has earliness and is desirable for planting on yellows infested soil. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

Early Dwarf Flat Dutch. 65 days. Heads nearly round, firm, fine flavor and high quality. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

Early Jersey Wakefield. Pointed heads. 62 days. Extremely early variety, very valuable for home and market garden. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

Golden Acre. (Select.) 64 days. Round head, short stem. Uniform, firm, especially valuable for early market and shipping. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

Marion Market. (Yellows Resistant.) 85 days. This was originally bred up from Copenhagen Market. It takes about 20 days longer to mature. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

Premium Late Flat Dutch. 90 days. Good keeper, firm heads of good quality. Dependable. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

SAVOY and RED CABBAGE

Dark Red. 90 days. Best red variety. Good keeper, round hard head. Pkt., 15c; $\frac{1}{2}$ oz., 25c; oz., 45c.

Savoy Chieftain. 90 days. Best of the Savoy or crinkled leaved sorts. A splendid keeper. Pkt., 15c; $\frac{1}{2}$ oz., 25c; oz., 45c.

CHINESE CABBAGE

Chinese or Celery Cabbage

Michihli. 70 days. This is a sure heading, vigorous growing lettuce variety with erect, cylindrical pointed heads 18 to 20 inches long. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

COLLARDS

Georgia or Southern. A variety of Cabbage that does not form a head, but produces a mass of leaves. Very hardy. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

CANTALOUPE

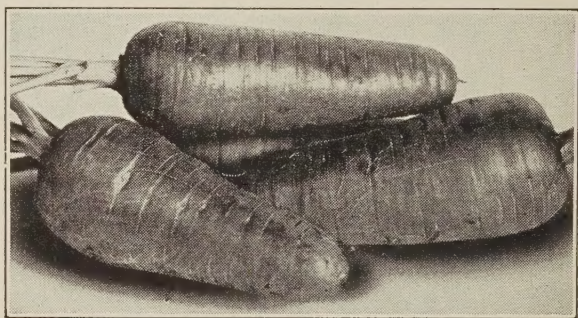
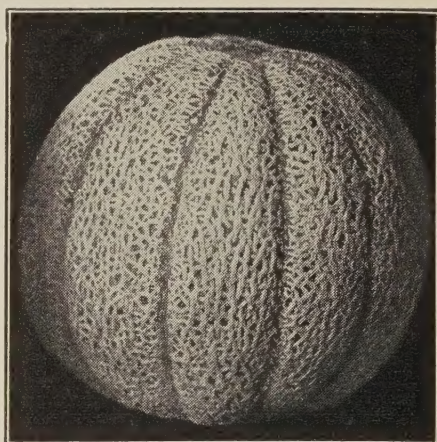
1 oz. plants
50 hills;

2 lbs. to 1 acre.

Plant in May for early crop; in June for late crop.

Hale's Best. 85 days. The most popular and leading Cantaloupe with large shippers and growers. It is a highly refined, extremely early and uniform melon. Small seed cavity and deep salmon color flesh of excellent quality. $5\frac{3}{4}$ inches long, $5\frac{1}{4}$ inches in diameter, or slightly oval. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.90.

Pride of Wisconsin. 90 days. Salmon flesh of unusual thickness. The Melon grows to an average size of 8 inches. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.



CARROTS

1 oz. will sow 100 feet of row.

Sow in March and April, in drills 1 inch deep and 14 inches apart; thin out to 2 inches. For main crop sow in May or beginning of June. A rich, mellow, deeply worked soil gives the finest Carrots.

Chantenay. 70 days. Roots about 5 to 6 inches in length, 2 to $2\frac{1}{2}$ inches thick at the crown, smooth and tapering. Color deep orange-red. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$1.85.

Chantenay, Long Type. A longer, slimmer strain of Chantenay which can be used for bunching. Tops slightly shorter than Chantenay, but more compact. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$1.85.

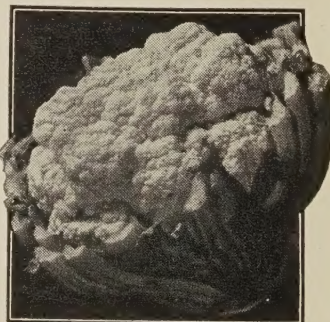
Danvers Half Long. 75 days. Well-known main-crop or late Carrot of great uniformity. The deep orange-red roots are 7 to $7\frac{1}{2}$ in. long and 2 to $2\frac{1}{2}$ in. in diameter, tapering gradually toward the blunt end. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$1.85.

CAULIFLOWER

Packet will produce 200 plants; ounce 2000 plants.

Super Snowball. Finest quality, 65 days. Well-adapted for use under a wide range of conditions. Heads large, firm and pure white, and well-protected by inner leaves. Pkt., 20c; $\frac{1}{4}$ oz., 50c; $\frac{1}{2}$ oz., 90c; 1 oz., \$1.75.

Early Snowball. 54 days. Unquestionably the earliest maturing strain of short leaf type of Cauliflower. It is well adapted for forcing or winter use for early crop and is one of the most popular. Pkt., 20c; $\frac{1}{4}$ oz., 50c; $\frac{1}{2}$ oz., 90c; oz., \$1.75.



CELERY

1 packet will produce 300 plants.

Giant Pascal. 140 days. The standard late, green Celery of excellent quality. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.25.

Golden Self Blanching. Select. 85 days. Early and very desirable for home and market garden. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.50.

Celeriac. Turnip rooted. 120 days. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.25.

CORN SALAD

Large Leaved. Sometimes called Lamb's Lettuce. An extremely hardy type plant that forms rosettes of tender leaves which are used as a substitute for Lettuce and mixing with salads. Pkt., 10c; oz., 35c; ¼ lb., 90c; lb., \$3.25.

SWEET CORN

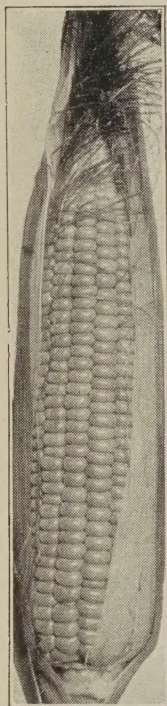
1 pkt. plants 40 hills; 1 lb., 250 hills; 15 lbs. to acre.

Country Gentleman Hybrid. About 95 days. The grain is small, and crowded together on the cob, instead of forming in defined rows. Deliciously tender and sweet. Pkt., 15c; ½ lb., 35c; lb., 65c; 5 lbs., \$3.00.

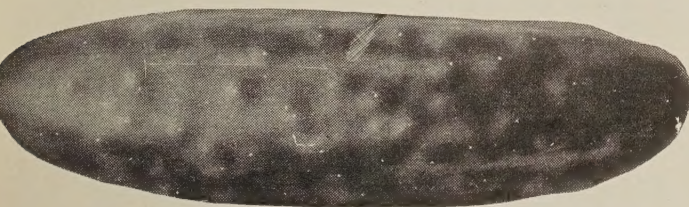
Corneli's Gold Rush Hybrid. First early, golden yellow hybrid. Stalks 6 ft. tall, produces an average of 2 ears per stalk, ears 8½ in. long, 12 to 14 rows slightly tapered, well filled to tip. Attractive yellow; sweet and tender. Pkt., 15c; ½ lb., 35c; lb., 60c; 5 lbs., \$2.75.

Evergreen Hybrid. 86 days. An excellent hybrid of the Stowell's Evergreen type, noted for its uniformity and increased yield. Pkt., 15c; ½ lb., 35c; lb., 60c; 5 lbs., \$2.75.

Golden Cross Hybrid. 85 days. Bred for wilt resistance, high yield and superlative quality. Grows 7 to 8 ft. high. Fine ears with 10 to 14 rows of light golden kernels. Pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.40; 10 lbs., \$4.50.

**CUCUMBERS**

Do not plant Cucumbers before danger of frost has passed. ½ oz. to 25 hills; 2 lbs. to 1 acre.



Burpee Hybrid. Its remarkably high resistance to disease makes it an excellent variety where downy mildew and mosaic are a problem. Vines are vigorous and bear an abundance of shapely green fruits, averaging 8 inches in length. Pkt., 30c; ½ oz., \$2.20; oz., \$4.25.

Davis Perfect. 60 days. A very fine Cucumber. Beautiful dark green color. Fruits 8 to 10 inches long, tapering at both ends, solid flesh. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.85.

Long Green Improved. 70 days. The fruits are very long, often 12 to 15 inches when mature, yellow when ripe. Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$2.00.

Stay Green. 64 days. Fruits rich dark green, retaining their color long after picking. 7 to 8 inches long, 2¾ inches thick. Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$2.00.

Straight Eight. 64 days. This White Spine variety typifies its name, running quite straight, regularly 8 inches long and 2 inches in diameter. Color dark green. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00.

Snow's Perfection Pickling. 60 days. Is grown almost exclusively for pickling and is ideal for that purpose. It produces fruits of pickling size in 47 to 50 days. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.85.

DILL

Dill. Leaves and seed used for flavoring in dill pickles, soups and sauces. Pkt., 10c; oz., 20c; ¼ lb., 60c.

EGGPLANT

Sow seed in hotbeds early in spring and transplant to the open after all danger of frost is over, 2 feet each way; cultivate frequently.

Black Beauty. 80 days. It is oval in shape, uniformly the darkest in color. Perfectly spineless and smooth. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

ENDIVE

1 oz. of seed for 50 ft. of row.

It may be grown at any season but is more generally planted for fall.

Broad-Leaved White or Escarolle. 92 days. A distinctly improved form of Broad-Leaved Endive. Plant medium large with deep, full, well-blanching heart of infolded broad leaves. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Green Curled. 95 days. The leaves of this variety are finely divided, giving a mossy appearance. Pkt., 10c; oz., 20c; ¼ lb., 60c.

HERB SEEDS

Every kitchen garden should have some of the popular herbs.

Anise. Pkt., 10c; ½ oz., 25c.

Basil. Pkt., 10c; ½ oz., 25c; oz., 45c.

Borage. Pkt., 10c; ½ oz., 20c; oz., 35c.

Caraway. Pkt., 10c; ½ oz., 25c; oz., 45c.

Marjoram. (Perennial.) Pkt., 15c; ½ oz., 35c.

Sage. Pkt., 10c; ½ oz., 20c; oz., 35c.

Summer Savory. Pkt., 15c; ½ oz., 30c.

Thyme. (Perennial.) Pkt., 15c; ½ oz., 50c.

KALE

Siberian. 40 days. Very hardy and improved by moderate frost. Sow in May or June. Makes excellent greens, tender and fine flavor. Oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

Dwarf Green Curled Scotch. 55 days. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.90.

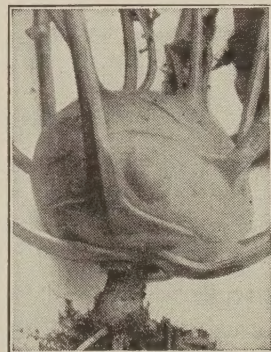
KOHLRABI

1 oz. of seed will produce from 3000 plants.

For early use sow in hotbeds and transplant. Outdoors sow in open ground the first part of April in rows 18 inches apart; thin out.

Earliest White Vienna. 55 days. Greenish white outside, with clear white flesh within, fine quality. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c; lb., \$2.50.

Earliest Purple Vienna. Same in every respect except in color. Pkt., 10c; ½ oz., 20c; oz., 30c.



LEEK

The long, thick, blanched neck is desirable for soups.

Large London Flag. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

LETTUCE

1 oz. will produce 3000 plants.

Lettuce seed should be sown very early in the spring and at intervals of 15 days for a succession; sow the seed in shallow drills, being careful to firm the soil over the seed and thin to 4 inches in row.



Salad Bowl Lettuce. Salad Bowl is well named. A head fills a salad bowl with a perfect rosette of rich green and very decorative leaves. It is a loose-leaf variety. Pkt., 25c; $\frac{1}{2}$ oz., 35c; oz., 60c.

EARLY CURLED VARIETIES

Early Curled Simpson. 45 days. The standard loose-headed variety. Earlier than the heading sorts. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$1.95.

Black-Seeded Simpson. 45 days. Easily grown, especially recommended for spring and early summer use. The leaves are large, yellowish green, fringed and crumpled. The inner leaves are almost white. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$1.95.

Grand Rapids. 45 days. Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25.

Prize Head. 40 days. Forms a very large loose head, slightly tinged brown. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

HEADING VARIETIES

Big Boston. 70 days. Especially valuable for summer and fall use out-of-doors. It is a butter-head type with glossy leaves tinged brown. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25.

Bibb Lettuce. A loose waxy head variety with very deep green outer leaves, bleaching to a rich yellowish green inside. Heads medium size, unusually crisp and tender, and of a distinct flavor. Very popular for family gardens. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c.

Great Lakes. 75 days. Iceberg type, bred to make tight heads in hot weather. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.

New York or Wonderful. A decidedly crisp, Cabbage-heading variety. Very large, rooting deeply, resisting hot, dry weather, slow to run to seed. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

Oakleaf. Noted for its ability to withstand hot weather without turning bitter. Leaves are smooth and lobed to resemble the leaf of an oak tree, deep green and tender. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.

Romaine or Paris White Cos. 65 days. Compact heads, well blanched, excellent for salads. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$1.95.

MUSKMELON. See Cantaloupe, page 2.

MUSTARD

1 oz. will sow 40 ft.

Mustard greens are as healthful and nourishing as Spinach.



Chinese Broad-Leaved. The leaves are broad, smooth and often 12 inches long. Color deep green. Oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., 90c.

Southern Giant Curled (Long Standing). 30 days. The leaves of this variety are closely curled and finely fringed. A little slower growing than the frilled varieties but longer standing. 1 oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., 85c; 5 lbs., \$4.00.

OKRA or GUMBO

Okra pods are used in soups, stews, catsup and other relishes. They are at their best when 1 to 3 inches long. **Dwarf Green Prolific.** 65 days. Low, stocky and productive, with long pods. Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., 90c.

ONION

1 oz. will sow 100 ft. of row.

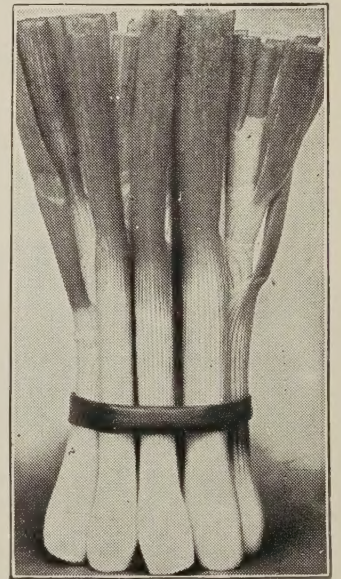
One of the most nutritious and healthful of vegetables.

White Lisbon. A bunching variety, grown for its very long, pure white stems; long standing, tender and of delicate flavor. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.50.

Southport White Globe. 110 days. This variety yields abundantly, producing medium to large, fine shaped clear white bulbs. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

Sweet Spanish. (Utah Strain.) 110 days. A very large globe-shaped, light yellow Onion with small top and an exceptionally fine shipper. Very mild, sweet flavor. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

White Portugal or Silver Skin. 100 days. The main variety used for producing white sets. Fine for pickles. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

**PARSLEY**

1 oz. sows 150 ft. of drill.

Double Curled. The best green curled. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Hamburg Edible Rooted. 90 days. Forms a short thick parsnip-like root used in flavoring soups, etc.. Leaves are also useful. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.

PARSNIP

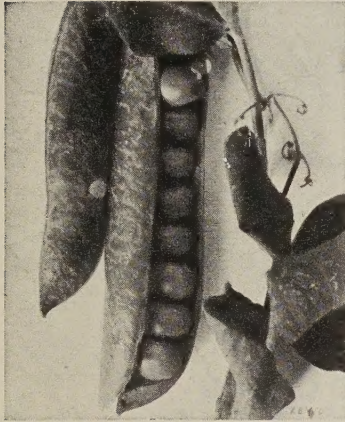
1 oz. for 100-ft. row, 5 lbs. per acre.

General culture for Parsnips is the same as for Beets.

Hollow Crown. 95 days. This is the most popular and best variety in cultivation. The skin is smooth and the flesh tender. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.25.

PEAS

1 lb. is enough for 100 ft. of row.



Alaska-Ameer Mammoth Pod. The seed being smooth, it can be planted as early as any of the extra earlies. It is very prolific; pods of a rich dark green color. Vine about 30 inches high. Matures in about 56 days. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.

Laxton's Progress. 62 days. The earliest of the large-podded dwarf Peas. Pods 4 1/8 inches long, containing 7 to 9 dark green Peas, 18 inches tall. Best for deep freezing. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.50.

Little Marvel. 63 days. A leading variety of wrinkle-seeded. Grows 18 inches high. Pods average 3 inches, well filled with 7 or 8 large, deep green Peas. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50.

PEPPER

1 oz. will produce 2000 plants.

Seed should be sown in a hotbed or in a shallow box in a warm place in the house, allowing 8 to 10 weeks to produce plants large enough to set outdoors.

Bell or Bull Nose. 65 days. An early sweet Pepper. Large, bright red, thick flesh. Pkt., 10c; ½ oz., 30c; 1 oz., 50c; ¼ lb., \$1.75; 1 lb., \$6.00.

California Wonder. 74 days. The standard of perfection among sweet Peppers, and the most popular sort. Excellent for all purposes. Pkt., 10c; ½ oz., 35c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$7.00.

Chinese Giant. 80 days. The giant among Peppers. Attractive. Size and mild flavor. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.85.

Hungarian Wax. 60 days. Important canning variety. early, hardy, prolific. Bears pendent and upright yellow hot fruits. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

King of the North or Ruby Giant. 60 days. The best early large Pepper. The fruits are large and color a brilliant red. Pkt., 10c; ½ oz., 35c; oz., 55c; ¼ lb., \$1.85.

Long Red Cayenne. 70 days. Very hot, deep red fruits, 4 1/2-5 in. long. Excellent for pickling, drying or canning. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.



PEPPER—Continued

Pimiento. 73 days. The shape is distinctly conical, medium size. Color, when young, is a glossy green turning ruby-red when ripe. Pkt., 10c; ½ oz., 35c; 1 oz., 60c; ¼ lb., \$2.00.

Red Chili. Bright red when ripe and are very hot or pungent. Used extensively for pepper sauces, pickling and drying, 2 1/2 inches long, 3/8 inch in diameter. Pkt., 10c; ½ oz., 35c; 1 oz., 60c.

Sweet Yellow or Banana. (60 days.) Probably the largest, earliest and sweetest of all yellow Peppers. It is Banana-shaped, averaging about 6 inches in length and 2 inches in diameter. Light yellow in color. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

World Beater. A new introduction by the N. J. Experiment Station. Mosaic resistant. A popular shipping and garden variety. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

PUMPKINS

(Ounce will make about 20 hills)

Kentucky Field. 100 days. Standard large Pumpkin for canning and for stock feed. Oz., 20c; ¼ lb., 50c; 1 lb., \$1.25.

Small Sugar. 100 days. Round, slightly ribbed fruits of medium size, about 7 in. in diameter. Best Pumpkin for general use; good keepers. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

RADISHES

1 oz. will sow 100 ft. of row.

Crimson Giant. 30 days. Roots scarlet, spherical. Largest early Radish which remains crisp the longest. Oz., 10c; ¼ lb., 35c; 1 lb., 90c.

Icicle. 35 days. A magnificent white variety. Grows 3 1/2 to 4 inches long. Oz., 10c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., \$3.75.

Scarlet Turnip White Tipped or Sparkler.

Something extra fine. 23 days. The lower half is white, the upper half bright scarlet. Oz., 10c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., \$3.75.

Scarlet Globe. (Selected Stock.) 23 days. The interior of the root is pure white, mild, crisp and fine grained. Recommended for market garden or forcing. Oz., 10c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., \$3.75.



WINTER RADISHES

Rose-Colored China. Extremely solid and a most excellent keeping variety. Oz., 10c; ¼ lb., 35c; 1 lb., 90c.

Round Black Spanish. Skin black, flesh white. A fine keeper. Oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

California White Mammoth. The best white Radish for late fall planting. Oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.

RHUBARB or PIE PLANT

Myatt's Victoria. A splendid early sort. Stalks are large, very thick, of rich red color, and almost stringless. Oz., 25c; ¼ lb., 75c; 1 lb., \$2.25.

Rhubarb Roots Available in March.
Strong Roots, each 20c; doz., \$2.25.

RUTABAGAS

American Purple Top. A hardy productive variety; roots are large, globular in form, with a very small tap root; color, bright yellow with a purple top. Oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., 90c.

SALSIFY

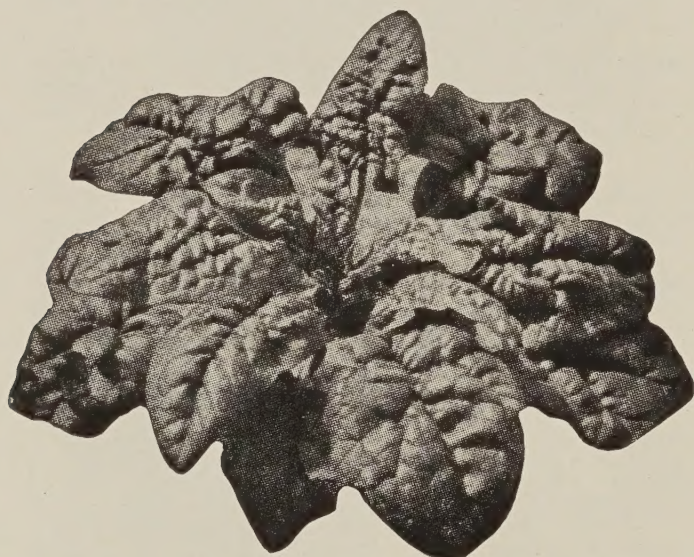
Often called "Oyster Plant" and is easily grown. Sow in April in rows 18 inches apart, thinning out to 4 to 6 inches. Cultivate deeply and often.

Mammoth Sandwich Island. This variety is uniform in growth. The roots are of superior quality and most delicate flavor. Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 30c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.75.

SPINACH

1 oz. to 30 or 35 ft. of drill.

Sow early in spring. Spinach is high on the list of health-giving and body-building vegetables. Grow more and eat more. It is essentially a spring and autumn crop.



Bloomsdale Spinach

Bloomsdale Long Standing. 45 days. An outstanding strain of the Savoy Leaved Spinach. Much in demand for home and market gardens. It is slow to run to seed. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c; 10 lbs., \$4.50.

New Zealand. Not really a true Spinach. Will thrive in poor soil and hot weather. A continuous producer of greens. Difficult to germinate. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

SQUASH

1 oz. will plant 20 hills; 2 lbs. an acre.

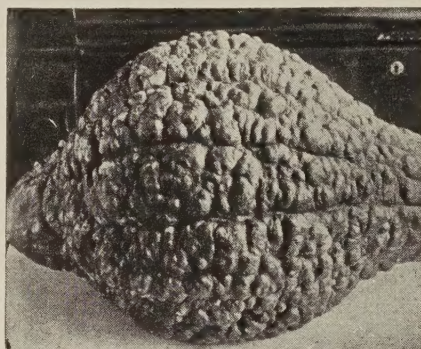
Do not plant until all danger of frost is over.

Acorn or Table Queen. (60 days.) A unique winter Squash. Just the right size to cut in half (when it will bake in 20 minutes) and serve individually. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$1.75.

Early Prolific Straightneck Yellow. 50 days. Considered the most valuable and promising of all summer squash. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75.

Grav Zucchini. 60 days. When matured it is 18 inches long. 5 to 7 inches in diameter and an excellent keeper, very dark green. A bush type and very productive. There is nothing better for slicing and frying when small. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75.

Mammoth White Bush. 54 days. Creamy white and scalloped around the edges; flesh is milk-white and of delicious flavor. Widely used for stewing or broiling. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$1.75.



Warty Hubbard Squash

Warty Hubbard. 110 days. Warty Hubbard Squash has been bred to the highest quality; fruits are large; skin rough, dark green; flesh bright orange, fine grained, rich and dry. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Yellow Summer Crookneck. 55 days. Excels in tenderness, color and productiveness. Served when about 6 in. long, it is delicious. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75.

SWISS CHARD

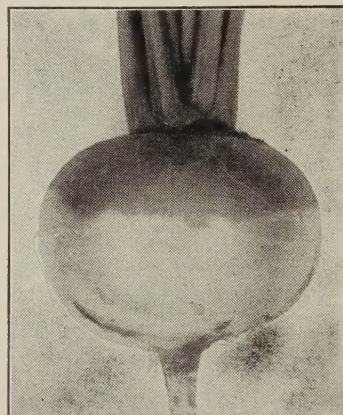
Lucullus. 60 days. Large leaves are wrinkled, with thick midribs, tender and of good flavor. Large pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c.

TURNIPS

(Ounce will sow 300 ft. of row.)

Purple Top White Globe. Roots globular, smooth; bright purplish red above, white below. Flesh white, firm, fine grained and tender. Oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., 90c; 10 lbs., \$7.50.

Seven Top, for Turnip Greens. A foliage turnip for table and forage use. Crown sends up numerous leafy shoots which are excellent for greens. Oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., 90c.



Purple Top White Globe Turnip

WATERMELON

1 oz. for 20 hills; 3 to 4 pounds per acre.

Black Diamond. 95 days. Fruits very large, dark green, nearly round, flesh bright red, crisp and sweet. This is the most popular variety.

Kleckley's Sweet. 95 days. This is considered the sweetest of the large melons. Particularly adapted for home garden.

Stone Mountain (or Dixie Belle). 110 days. Rich dark green in color with scarlet flesh that is exceptionally sweet.

Tom Watson. 110 days. The rind is dark blue-green; the flesh is deep red and very sweet.

Above 4 varieties: Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

TOMATOES

1 oz. will produce about 1000 plants.

Tomatoes should be in every garden. It is quite simple to grow your own plants. Sow the seed in a hotbed, or in a shallow box in the house, allowing 6 to 8 weeks to produce plants large enough for setting outdoors when weather becomes warm.

Burpee Hybrid Tomato. An excellent, all-purpose main crop Tomato producing a high yield of firm, thick-walled fruit that averages 8 ozs. in weight. They are deep globular in shape, holding the vine well. Pkt., 35c; ½ oz., \$3.50; ¼ oz., \$6.00; ½ oz., \$11.00; oz., \$20.00; ¼ lb., \$70.00.

Bonny Best. 75 days. One of the most prolific of the early Tomatoes. Medium size, solid, bright red. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75; 1 lb., \$6.25.

Break O' Day, Certified. Wilt resistant. 85 days. Vines vigorous and very productive. An early scarlet fruited variety. Medium to large size and globe-shaped. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75; 1 lb., \$6.25.

Crimson Cushion or Beefsteak. 98 days. Late, red, very large. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

Earliana, Certified. Very early—particularly valuable for home and early market garden. Medium size, deep scarlet. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75; 1 lb., \$6.25.

Firesteel. 62 days. A small vine, large fruited Tomato that is early, smooth, red through, of semi-acid flavor. For dry seasons there is nothing equal to it. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

Greater Baltimore, Certified. The leading canning and juice Tomato. Noted for its deep red color throughout, ripens evenly over entire surface. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75; 1 lb., \$6.00.

Grothen's Globe, Certified. A much improved type over Break O' Day. It is wilt resistant, produces large deep fruits of full red color. Pkt., 10c; ½ oz., 30c; oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.50.

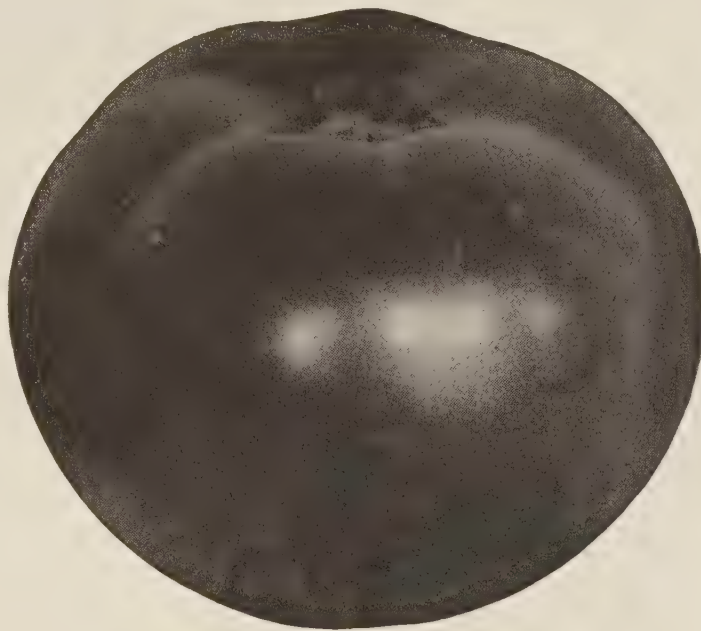
Henderson's Winsall. Is very meaty, the entire fruit being edible, tender and delicious, and remarkable for an almost entire absence of seeds. Color bright pinkish red. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$2.00; oz., \$3.50.

Jubilee. 100 days. A new and truly different sort. Orange yellow in color, it is attractive for salads and juice. Especially recommended for the home garden. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

Livingston's Globe, Certified. 85 days. A large, purplish pink, globe-shaped or very nearly round Tomato of excellent quality. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75; 1 lb., \$6.25.

Marglobe, Certified. 85 days. Of fine appearance, and great productiveness. In color it is a most beautiful scarlet, ripening well up to the stem. The "Marglobe" has proven resistant to wilt. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50; 1 lb., \$5.50.

Marhio. A wilt-resistant pink Marglobe. A popular variety for greenhouse forcing, market and home gardening use. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.



Michigan Forcing. Developed especially for growing under glass. A heavy producer of medium sized fruit. Pkt., 25c; ½ oz., 60c; oz., \$1.00.

Oxheart. 100 days. Different in shape from all others resembling a beef heart. The flavor of the pink fruits is mild. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.75.

Ponderosa. 90 days. Extremely large; purplish pink, few seeds, mild flavor. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.25.

Pritchard, Certified. (Scarlet Topper Certified.) 90 days. Fine all-round variety, heavy yielder; second early wilt-resistant; fruit solid. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

Rutgers, Certified. 90 days. Desirable for market gardeners; bright red, smooth. This variety is highly popular with canners, home and market gardeners alike. A very strong grower with fruit slightly larger than Marglobe. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50; 1 lb., \$5.50.

Stokesdale, Certified. 75 days. Early, suitable for shipping. Fruits uniform, deep scarlet; globe shape. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75; 1 lb., \$6.00.

Stone Improved. Valuable for market and canning; heavy producer; deep scarlet. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50; 1 lb., \$5.50.

Valiant. 90 days. A new variety destined to replace Earliana. Vines are sparse and open and will produce a large crop. Fruits scarlet, large globe-shaped. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75; 1 lb., \$6.25.

PICKLING or PRESERVING TOMATOES

Red Cherry. Used for preserving and pickling. Fruit small, round and deep red.

Yellow Plum. Fruits plum-shaped, clear yellow color.

Either above: Pkt., 10c; ½ oz., 30c; 1 oz., 50c.

Selected Flower Seeds

ANTHEMIS - Marguerite (Perennial)

Tr. pkt. 1/4 oz.

Kelwayi. A most satisfactory hardy perennial bearing daisy-like, golden yellow blossoms; excellent for cutting\$0.20 \$0.35

AQUILEGIA - Columbine (Perennial)

Long-Spurred Columbine

The plants are of strong, thrifty growth, with flowers of largest size, varying in color through tones of cream, pink, lavender, blue, white, red, etc.



Aquilegia, Long-Spurred Hybrid

Ageratum, Midget Blue

AGERATUM, MEXICANUM

	Tr. pkt.	1/8 oz.
Blue Cap. 4 in. Dwarf, compact. True blue flowers. Very uniform.....	\$0.30	\$0.60
Blue Ball Improved. 6 to 10 in. Large flowered strain .....	.30	.60
Midget Blue. Fine dwarf, compact, rich blue .....	.35	.75

ALYSSUM (Perennial)

	Tr. pkt.	Oz.
Saxatile Compactum (Basket of Gold.) An indispensable plant for the rockery or border, growing 1 foot high and producing in May masses of broad, flat heads of bright yellow flowers.		
1/4 oz., 35c	\$0.20	\$1.00

ALYSSUM

	Tr. pkt.	Oz.
Carpet of Snow. The best extra dwarf strain we know of.....	1/4 oz., 30c..	\$0.20 \$0.90
Little Gem. 6 inches. White, good even stock.....	1/4 oz., 35c..	.20 1.00
Violet Queen. Bright violet, dwarf, compact, fine for bedding and borders ..	1/4 oz., 40c..	.25 1.25



Amaranthus Tricolor

AMARANTHUS

Tricolor (Joseph's Coat). 2 1/2 ft. The inner foliage is of blackest bronze, tipped with green, the outer bright scarlet and gold. Tr. pkt., \$0.20; 1/4 oz., \$0.35.

ANCHUSA

(Annual)

	Tr. pkt.	1/4 oz.
Blue Bird. Attractive deep Forget-Me-Not-blue flowers. 18 in.	1 oz., 85c	\$0.15 \$0.25

ANCHUSA (Perennial)

	Tr. pkt.	1/8 oz.
Myosotidiflora. A distinct dwarf species, 10 inches high, producing during April and May sprays of Forget-Me-Not-blue flowers. Excellent for the rock garden.	\$0.40	\$0.90

Tr. pkt. 1/4 oz.

Mrs. Scott Elliott's Hybrids. An excellent and popular long-spurred mixture....

.....	1/8 oz., 60c..	\$0.35 \$1.00
Blue Shades. A very fine strain of light and dark blue shades	1/8 oz., 65c..	.35 1.15
Copper Queen. Copper-red and straw color	1/8 oz., 65c..	.35 1.15
Crimson Star. Crimson, the center white	1/8 oz., 65c..	.35 1.15
Orange and Scarlet Shades. Contains fine shades of orange-scarlet..	1/8 oz., 65c..	.35 1.15
Rose Queen. Pink shades, long spurs. 2 1/2 ft.	1/8 oz., 65c..	.35 1.15
Snow Queen. 18 in. Finest pure white variety.....	1/8 oz., 65c..	.35 1.15

ARABIS - Rock Cress (Perennial)

Tr. pkt. 1/8 oz.

Snow Cap. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears\$0.30 \$0.60

ARMERIA - Sea Pink; Thrift (Perennial)

Tr. pkt. 1/8 oz.

Formosa hybrida. Heads of rosy pink flowers. Useful for edging or rockery. \$0.35 \$0.75

ASPARAGUS

Carefully harvested, hand-picked, plump, well-matured seed.	250 seeds	1000 seeds
Plumosus	\$0.75	\$2.50
Sprengeri .....	.70	2.50

ANTIRRHINUM or SNAPDRAGON



Super Majestic

Super Majestic. Rust resistant. 20 in. A medium tall class of base branching plants with heavy compact spikes of large blooms. Excellent for both garden and cut flowers.

Alaska. White.

Autumn Glow. Amber and gold.

Rose Beauty. Deep rose.

Eldorado. Deep yellow.

DuBarry. Flaming salmon-rose.

Garnet. Rich velvety crimson.

Indian Girl. Old gold.

Red Rocket. Bright red.

Rose Sensation. Rose-pink.

Wild Fire. Bright orange-scarlet.

Yellow Jacket. Rich two-toned yellow.

Super Majestic Mixed.

Prices on above:

Each: Tr. pkt., 30c; 1/8 oz., 50c; 1/4 oz., 95c.

Maximum or Super Giants

Rust-Resistant. 2 3/4 feet.

In habit these are taller than the Majus group, and the individual flowers are much larger. Fine for cutting.

Campfire. Luminous scarlet.

Canary Bird. Canary-yellow.

Copper Queen. A real true copper-scarlet.

Crimson King. Fiery crimson.

Loveliness. Soft rose-pink.

Paradise Rose. Rose-pink.

Red Cross. Crimson, white tube.

Shasta. Pure white.

Yellow Giant. Deep yellow.

Maximum Mixed.

University of California Improved Mixed. 30 in. Excellent for cutting.

Prices on above varieties:

Each: Tr. pkt., 25c; 1/8 oz., 45c; 1/4 oz., 85c.

TETRAPLOID or SPRING FLOWERING

Giant Ruffled Tetraploid Tetra. 2 1/2 ft. The most satisfactory outdoor Snapdragon. Being a tetraploid, it is a vigorous grower, almost never crippled with rust, and these big husky plants sell quickly from flats. Florets are huge, mostly ruffled, and stay on the stem so that 12-inch flower spikes are usual.

Tetra Rose. Typically huge florets of the Tetra type, solid, rich, clear rose. Tr. pkt., 40c; 1/32 oz., 60c; 1/16 oz., \$1.00.

Tetra Orchid. Rich orchid-purple with yellow blotch. Tr. pkt., 50c; 1/32 oz., 85c; 1/16 oz., \$1.40.

Tetra Yellow. A new tall, base-branching clear yellow. Tr. pkt., 40c; 1/32 oz., 85c; 1/16 oz., \$1.40.

Tetra Ruffled Mixed. A fine mixture of all colors. Tr. pkt., 35c; 1/16 oz., 60c; 1/8 oz., \$1.00.



SNAPS for Greenhouse Forcing

Snapdragon being one of the leading Florists' Greenhouse crops.

HYBRIDS MARKED WITH (*).

	Tr. pkt.
*Ball Red Hybrid No. 7. Rich scarlet-crimson...	\$3.00
*Ball Yellow Hybrid No. 1. Best yellow.....	
..... 1/2 tr. pkt., \$1.75..	3.00
*Barbara. (Yoder.) Large florets with bright bronze lips, pink throat. Very early.....	3.00
*Better Times. Bright rose-pink. Early.....	2.00
*Carol Jean. Shade lighter than Ethel.....	2.00
*Cheviot Maid Supreme. Best early clear rose-pink	1.00
*Christmas Cheer. The best early pink. Easy to grow, sure to bloom, pleasing color.....	3.00
*Christina. (Yoder.) Light pink.....	3.00
*Delworth's Supreme. Strong stems, deep rose-pink	1.50
*Dorcas Jane. (Dorcas.) Brilliant rose-pink hybrid	2.50
Ethel. Large, bright yellow flower.....	1.50
Gilbert's Pink. Medium early.....	1.50
*Goldrush. Fine new early yellow	3.50
Jubilee. An early hybrid, light apricot-bronze.	3.50
Koester's White. Early and a strong grower...	1.50
Lady Dorothy. Bronze, shaded copper-red. Early	3.00
*Libby. (New.) A dark rose-pink hybrid with very strong stems and vigorous growth. Good sized flowers set medium to close on long spikes. It is a second early, flowering after Mary Ellen, making it the latest of the Yoder hybrids..... 1/2 tr. pkt., \$1.75..	3.00

	Tr. pkt.
Lucky Strike. Best white medium early.....	\$1.00
Margaret. A winter-blooming ivory-white.....	2.00
*Mary Ellen. (Yoder.) A light rose-pink.....	2.50
*Maryland Pink Improved. (Winkler.) Hybrid. The improved strain of this popular pastel pink hybrid	1/2 tr. pkt., \$2.00.. 3.50
*Maryland White. (Winkler.) Hybrid. Large paper-white florets on strong stem. Early and free-flowering	1/2 tr. pkt., \$2.00.. 3.50
*Priscilla Ann. (Yoder.) Hybrid. Long graceful spikes with large velvety crimson florets. At times a faint touch of yellow is noted on the lip. The earliest crimson.. 1/2 tr. pkt., \$1.75..	3.00
*Patricia. (Yoder.) Deep yellow hybrid. Early.	3.00
Peggy Schumann. A fine rose-pink, excellent..	2.00
Rose Queen. Fine deep rose, medium early...	1.00
Schumann's Velvet Red. Is a true red velvet...	3.00
Schumann's Lavender. A true color.....	2.00
Schumann's Yellow. Early yellow.....	2.00
St. Louis Pink. (Rowe.) Beautiful silvery pink	1.50
Talisman. Improved early, all-double, bronze..	2.00
Windmill's Lilac. Excellent orchid, true to type and color, hard wiry stems, small foliage, productive	2.00
Greenhouse Varieties. Mixed. A good mixture	1.00

ASTERS, Bodger's Wilt Resistant

Asters are now one of the most profitable cut flowers, whose culture has been greatly simplified by the introduction of Wilt-Resistant varieties.

Queen of the Market

Wilt Resistant. 1½ feet

Medium sized flowers. Blooms in July. The earliest Aster of quality.

	Tr. pkt.	¼ oz.	Oz.
Azure Blue	\$0.30	\$0.50	\$1.75
Ballet Queen. Salmon-rose .....	.30	.50	1.75
Crimson .....	.30	.50	1.75
Dark Blue .....	.30	.50	1.75
Flesh Pink .....	.30	.50	1.75
Light Blue. Medium blue .....	.30	.50	1.75
Rose. Soft rose .....	.30	.50	1.75
Scarlet .....	.30	.50	1.75
White .....	.30	.50	1.75
Finest Mixed .....	.25	.40	1.60

Early Royal

Wilt Resistant, 2 feet

Blooms mid-July, directly following the Queen of the Markets.

	Tr. pkt.	¼ oz.	Oz.
Azure Blue or Dark Lavender ..	\$0.30	\$0.50	\$1.75
Coppery Rose .....	.30	.50	1.75
Deep Rose. Taller .....	.30	.50	1.75
Purple. Deep purple.....	.30	.50	1.75
Shell-Pink .....	.30	.50	1.75
White .....	.30	.50	1.75
Finest Mixed .....	.25	.45	1.60

Giant Crego Improved (Incurred)

Wilt Resistant. 2½ feet

Twisted and curled petals. Flowers of good size.

	Tr. pkt.	¼ oz.	Oz.
Azure Blue	\$0.30	\$0.50	\$1.65
Blue Flame. Bright navy blue ...	.30	.50	1.65
Crimson .....	.30	.50	1.65
Deep Rose. Bright rose .....	.30	.50	1.65
Light Blue .....	.30	.50	1.65
Pink. Shell-pink .....	.30	.50	1.65
Purple or Dark Blue .....	.30	.50	1.65
White .....	.30	.50	1.65
Finest Mixed .....	.25	.40	1.55

American Branching Wilt Resistant

Plants 2½ to 3 feet tall, branching, robust, flowers large, double and fine form. Flowers late August and early September.

	Tr. pkt.	¼ oz.	Oz.
Azure Blue or dark lavender	\$0.30	\$0.50	\$1.85
Crimson .....	.30	.50	1.85
Peerless Pink .....	.30	.50	1.85
Purple .....	.30	.50	1.85
Rose .....	.30	.50	1.85
White .....	.30	.50	1.85
Mixed Colors .....	.25	.45	1.65

Little Giants (MacDonald)

Wilt Resistant

Masses of blooms of feathery Crego type averaging 4 inches across, are produced at one time. Plants make perfect mounds 12 inches high. Early flowering. Ideal for borders and bedding. Suitable for pots.

Azure Fairy. Lavender.
Rosamond. Soft rose.
White Mound. Pure white.
Finest Mixed

Tr. pkt., 50c; ¼ oz., \$1.00; oz., \$3.50.



Aster, Princess

PRINCESS WILT RESISTANT

Very attractive cutting type for florists. Plants 2' - 2½' tall, branching habit, bearing quantities of 3" - 3½" flowers on strong stems. Flowers have full crested center, surrounded by several rows of guard petals. Blooms in late August.

Anne. Peach blossom.
Bonnie. Soft salmon-pink.
Elizabeth. New. Pure white.
Margaret. New. Florist rose.
Linda. Clear light rose.
Susan. New. True deep blue.
Princess Mixed. Choice formula mixture.

Tr. pkt., 35c; ¼ oz., 75c; 1 oz., \$2.50.

Heart of France

Brilliant Red. Blooms about August 15th. Generally considered the best red Aster....

Tr. pkt. ¼ oz. Oz.
\$0.35 \$0.60 \$2.00



Balsam

BALSAM

Makes fine flowering plants in small pots for spring sales from Jan. sowing.

Double Rose-Flowering. Tr. pkt., 20c; ¼ oz., 35c.
Camellia-flowered Mixture, Tr. pkt., 20c; ¼ oz., 35c.
Bush-Flowering Rose. Tr. pkt., 35c; ¼ oz., 60c.
Bush-Flowering Mixed. Tr. pkt., 30c; ¼ oz., 50c.

BEGONIA

Among the best bedding plants for semi-shady positions and equally valuable for house culture and pots.

Gracilis

	Tr. pkt.
Adeline. Dwarf bright pink with green foliage..	\$1.00
Ball Red. Bright scarlet-red flowers. Fairly dwarf, uniform plant habit.....	1.00
Red Pearl. Fine red foliage	1.50
Pink Pearl. Fine color	1.50
Indian Maid. Scarlet-bronze foliage	1.00
Luminosa. Deep scarlet with reddish brown foliage	1.00
Prima Donna. Fine pink	1.00
White Pearl. Pure white	1.00

GREEN BELLFLOWER

Bell of Ireland. Graceful 2-ft. branching stems are so surrounded by 2-inch flowers there is little room for leaves. The bell-shaped calyx of the flower is green and delicately veined, containing the white corolla. Both luscious and beautiful. Tr. pkt., 35c; 1/8 oz., 60c; 1/4 oz., \$1.00.

BELLIS PERENNIS - Double English Daisy

This popular Double English Daisy is much used for spring and early summer bedding.

Monstrosa Gigantea. Red, Rose, White, Mixed. Tr. pkt., 40c; 1/8 oz., 60c; 1/4 oz., \$1.00.

CALCEOLARIAS

Multiflora (Triumph Strain). The average size of the blooms is only 1 1/2 inches, but the amount of flowers produced is unsurpassed\$1.00

Multiflora Nana Mixture. Large heads of medium sized flowers in brilliant reds, yellows and intermediate shades. The dwarf plants are wiry in growth with small durable leaves. Tr. pkt., \$1.00.

CALENDULA

Calendula are easily grown in a cool house with plenty of air. In fall, leave the ventilators wide open at all times if possible. A midwinter temperature of 45 degrees at night is best. If grown cool in a good soil you will get good hardy plants.

Ball's Gold Improved. Deep golden yellow.

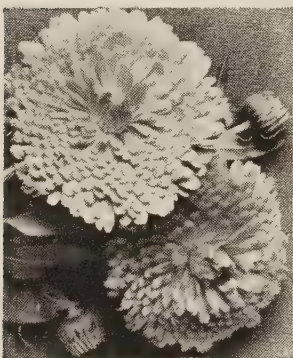
Ball's Lemon Queen. Clear yellow, dark center.

Ball's Masterpiece. Long stemmed orange, dark center.

Ball's Improved Long Orange. Clear orange.

Sensation Improved. Long stems, brilliant orange.

Prices of the above: Tr. pkt., 25c; 1/4 oz., 45c; oz., \$1.50.

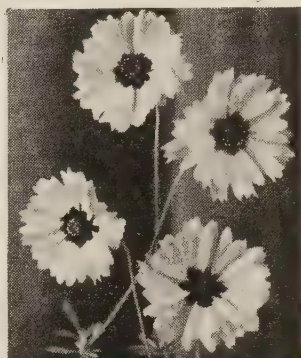


Calendula

Orange King. Rich deep orange-red, dark center, medium; fine for pots and bedding. Tr. pkt., 25c; 1/2 oz., 50c.

CALLIOPSIS

Gold Crest. Produces large, semi-double, golden yellow flowers with reddish brown eyes. Tr. pkt., 20c; 1/4 oz., 35c.



Calliopsis, Gold Crest

CAMPANULA MEDIUM - Canterbury Bells
CALYCANTHEMA (Cup and Saucer)

Similar to Single Canterbury Bells but with a large calyx which is the same color as the cup shaped corolla. Blooms in June. 2 ft.

	Tr. pkt.	1/4 oz.
Dark Blue	\$0.25	\$0.50
Light Blue .....	.25	.50
Rose .....	.25	.50
White .....	.25	.50
Choice Mixed. Extra fine.....	.20	.45



Candytuft, Giant Hyacinth Flowered

CANDYTUFT

Tr. pkt. Oz.

Giant Hyacinth Flowered White, Extra

Select. This is a very superior strain; it grows about 1 1/2 feet high, with enormous trusses of blooms

.....1/4 lb., \$2.75; lb., \$9.50..\$0.25 \$0.90

CANDYTUFT, PERENNIAL - Iberis

Tr. pkt. 1/4 oz.

Gibraltarica. Lilac, shading to white.....\$0.25 \$0.50

Sempervirens. White, 1 ft. 1/8 oz., 75c .40 1.25

CANDYTUFT, UMBELLATA

A popular spring cut flower. Sow in January, plant out 8x10 inches.

	Tr. pkt.	Oz.	1/4 lb.
Flesh-Pink	\$0.25	\$0.60	\$1.75
Lavender .....	.25	.60	1.75
Rose-Cardinal .....	.25	.60	1.75
White .....	.25	.60	1.75
Fine Mixed. All varieties.....	.25	.50	1.60

CARNATION, GRENADIN

(Perennial)

A hardy type which is excellent for cutting. 2 ft.

	Tr. pkt.	1/8 oz.	1/4 oz.
Cardinal-Red	\$0.35	\$0.60	\$1.15
Snow-White .....	.35	.60	1.15
Triumph Deep Pink .....	.35	.60	1.15
Grenadin Mixed .....	.30	.50	1.00

CARNATION, CHABAUD'S GIANT IMPROVED

These Carnations come into bloom five months from time seed is planted and continue to bloom throughout the summer.

	Tr. pkt.	1/8 oz.	1/4 oz.
Mixed	\$0.35	\$0.65	\$1.25



Celosia, Fire Feather

CELOSIA, DWARF

Feather varieties can be lifted to pots or transplanted from open ground when in full flower, much the same as hardy Mums. Fine for pot plants. Tr. pkt. $\frac{1}{8}$ oz.
Dwarf, Fire Feather\$0.25 \$0.50
Dwarf, Golden Feather25 .50
Dwarf Feather Mixture25 .50

CELOSIA, CRISTATA (Cockscomb)

Dwarf Cockscomb. For beds, borders and pots.
Empress. Bright red; dark foliage.
Glasgow Prize (Pres. Thiers). Dark crimson; green foliage.
Finest Mixed. All colors with dark and light foliage.
 The above: Tr. pkt., 25c; $\frac{1}{4}$ oz., 60c.
 Tall. Fine cut flowers.
Royal Velvet. A uniform strain of semi-tall "cockscomb" Celosia. Crimson combs borne well above foliage on 24- to 30-in. stems. Tr. pkt., 25c; $\frac{1}{4}$ oz., 75c; 1 oz., \$2.50.
Tall Mixture. 40 in. Mixture of all colors in the tall class. Tr. pkt., 20c; $\frac{1}{4}$ oz., 35c; oz., \$1.25.

CELOSIA, TALL

The increasing popularity of this showy annual is explained by its ease of growth, making showy mass effects in poor soil and hot climates. Tr. pkt. $\frac{1}{4}$ oz.
Scarlet Plume. 4 ft. Brilliant crimson...\$0.25 \$0.60
Golden Plume. Tall. Same as above.... .25 .60
Thompsoni magnifica. 4 ft. Well balanced mixture of all colors..... .25 .60
Pampas Plume. (New.) Giant-flowered strain in hitherto-unknown bronze, copper, gold and sunset shades. Distinctly new and different..... $\frac{1}{8}$ oz., 50c... .25 .85

CENTAUREA, WHITE-LEAVED

(Dusty Miller) For borders, vases, baskets.

Tr. pkt. $\frac{1}{4}$ oz.
Candidissima. 6-inch. Silver-gray foliage. \$0.25 \$0.75
Gymnocarpa. 24-in. Fine, silvery foliage. .20 .35

CENTAUREA CYANUS, DOUBLE

(Cornflower or Bachelor's Button). 3 ft.

Seed of this valuable cut flower.

	Tr. pkt.	Oz.	Lb.
Blue Boy. Finest blue	\$0.20	\$0.50	\$4.75
Pinkie. Fine deep pink .....	.20	.50	4.75
Red Boy. Deep carmine-rose ....	.20	.50	4.75
Snow Man. White .....	.20	.50	4.75
Double Finest Mixed .....	.15	.45	4.50

CERASTIUM

Tr. pkt. $\frac{1}{4}$ oz.
Tomentosum (Snow-in-Summer). Silvery white foliage. White flowers. 16 in. ..\$0.25 \$0.50

CHEIRANTHUS - Wallflower

Tr. pkt. $\frac{1}{4}$ oz.
Golden Bedder. Deep yellow\$0.20 \$0.35
Allioni. Brilliant orange20 .30

CHRYSANTHEMUM, DOUBLE

Tr. pkt. $\frac{1}{4}$ oz.

Golden Crown. Bright butter-yellow flowers are quilled and come fully double..\$0.35 \$0.65

CINERARIA HYBRIDA

Tr. pkt.

Cremer's Improved Prize Strain. This excellent strain contains a full range of colors. Very large heads. Plants semi-dwarf habit with small foliage\$1.50
Siter Rainbow Strain. Remarkable for its wide range of color and especially rich in blue shades. 2.00
Siter's Hybrid. Attractive light-eyed strain. Medium large flowers, compact growth with small foliage. Originator's pkts. 5.00

CINERARIA MARITIMA

(Foliage Varieties) Tr. pkt. $\frac{1}{4}$ oz.

Diamond. White leaved\$0.15 \$0.35

CLARKIA ELEGANS DOUBLE

2 feet. Sow in January, grow on in a flat or shallow raised bed. Must be run dry and not fed during growing season. Tr. pkt. $\frac{1}{4}$ oz.

Finest Mixed\$0.20 \$0.35

CLEOME - Spider Plant

4 feet tall. Tr. pkt. $\frac{1}{4}$ oz.

Helen Campbell. Pure white sport of popular Pink Queen\$0.30 \$0.50

Pink Queen. Color a refreshing pink. Foliage of beautifully airy appearance.. .30 .50

COLEUS

Brilliantly colored foliage plants. Tr. pkt.

Large Leaved Hybrids. Seed saved from newest and finest large leaved varieties\$0.50

Rainbow Mixed. An excellent selection, highly colored50

COREOPSIS GRANDIFLORA (Perennial)

Very good cut flower. Tr. pkt. $\frac{1}{4}$ oz. 1 oz.

Double Sunburst. Fully double golden yellow\$0.20 \$0.35 \$0.95

Mayfield Giant. Extra large deep golden yellow. Single15 .25 .75



Centaurea



Coreopsis Sunburst

COSMOS, SINGLE SENSATION

Very early giant flowered type. Plants grow 4 to 5 feet. Flowers are quite large.

Cardinal. Crimson. **Purity.** Pure white.
Pinkie. Light pink. **Radiance.** Bi-colored rose.

Sensation Mixed.

Tr. pkt., 20c; $\frac{1}{4}$ oz., 40c; oz., \$1.00.

Orange Flare. Height 2 $\frac{1}{2}$ feet. Orange flowers.

Yellow Flare. Single buttercup-yellow.

Pkt., 20c; $\frac{1}{4}$ oz., 35c; oz., \$1.00.

Fiesta. (New.) Silver Medal award in All-America Selections. This is an annual Klondyke Cosmos, with extra petals and the first bi-colored flower of this kind. Orange petals are flashed or striped with scarlet. Pkt., 40c; $\frac{1}{4}$ oz., \$1.00.

CUPHEA

Tr. pkt.

Firefly. A very attractive spring pot plant that may be planted out for bedding and border work. Height 12 in. and covered with small bright scarlet flowers throughout the summer..\$0.35

CYCLAMEN GIGANTEUM

Our Cyclamen seed has been grown by experienced growers who have specialized in this item.
250 seeds of one variety at 1000 rate

	1000 Seeds
Baarde's Wonder. Salmon with white border ..	\$16.00
Bonfire. Brilliant salmon	16.00
Bright Red	14.00
Dark Blood-Red	14.00
Orange Beauty. Orange-vermilion	16.00
Pure Rose	14.00
Salmon-Scarlet (America Improved)	16.00
Salmon-Rose Improved	16.00
Salmon, Dark (Glory of Wandsbek or Pearl of Zehlendorf)	16.00
Salmon, Light (Rose of Zehlendorf)	16.00
White. With carmine eye	14.00

CYNOGLOSSUM - Chinese Forget-Me-Not

Firmament. A dwarf (15 inches) selection from the original blue strain; rich blue, even habit.....Oz., \$1.50..\$0.25 \$0.50

DAHLIA

Seeds sown in March, plants will be in bloom by the end of June. Graceful semi-double flowers in a wide range of colors. Tr. pkt. 1/4 oz.
Unwin's Dwarf Hybrids. Double and semi-double types. Very even habit, 18 inches, with an attractive bright color range1 oz., \$1.50 \$0.35 \$0.50



Delphinium, Pacific Giants

DAISY—SHASTA

(Perennial)



Shasta Daisy

Shasta Alaska. The most popular of all. Very large pure white flowers with small yellow centers. 2½ ft. Tr. pkt., 20c; ¼ oz., 40c; oz., \$1.25.
Conqueror. Flowers very large, pure white, stems 2½ ft. to 3 ft. Tr. pkt., 20c; ¼ oz., 40c; oz., \$1.25.
Double Shasta Alaska. A fine double cut flower variety, about 70% double. Tr. pkt., 50c.

DELPHINIUM (Perennial)

Belladonna Type

This much improved strain has larger flowers, well spaced on longer spikes.



Delphinium, Hollyhock Strain

Belladonna Improved. Light blue, large flowered and a strong grower. Tr. pkt., 40c; ¼ oz., 75c; 1 oz., \$2.75; ¼ lb., \$10.00.
Bellamosum Improved. Extra select, dark blue, large flowers. Tr. pkt., 40c; ¼ oz., 75c; 1 oz., \$2.75; ¼ lb., \$10.00.
Blackmore and Langdon Hybrids. Shades of blue with contrasting bees. Tr. pkt., 50c; ¼ oz., 90c; 1 oz., \$3.00.
Wrexham or Hollyhock Strain. Extra large tapering spikes. Tr. pkt., 50c; ¼ oz., \$1.40; 1 oz., \$5.00.

DELPHINIUM PACIFIC GIANTS

(Vetterle and Reinelt)

Remarkable new strain developed by Vetterle and Reinelt. Flowers extremely well formed.
Black Knight Series. The darkest of them all. Individual flowers of beautiful round form.
Blue Bird. A clear medium blue with huge tall spikes.
Bluejay Series. The color is clear medium to dark blue.
Cameliard Series. A pure lavender self, with white bee.
Galahad Series. Finest white of enormous size.
Guinevere. Light pink lavender self with white bee.
King Arthur. Brilliant royal velvet with large white bee.
Round Table Series. Finest Mixed.
Summer Skies. Clearest light blue with white bee.

Prices of Above Varieties:

Tr. pkt., \$1.00; 1/8 oz., \$2.00; ¼ oz., \$3.75; oz., \$14.00.

DIANTHUS - Pinks (Annual)

	Tr. pkt.	1/4 oz.	Oz.
Chinensis, Double. Choice mixed.	\$0.20	\$0.35	\$1.00
Chinensis, Single. Choice mixed..	.20	.35	1.00
Fireball. Double dark scarlet ....	.25	.40	1.35
Heddeewigi, Double. Choice mixed	.20	.35	1.00
Heddeewigi, Single. Choice mixed.	.20	.35	1.00
Sweet Wivelsfield. The plants grow 12 inches high, showy blooms of pink and crimson ..	.25	.40	1.25
Westwood Beauty. A new single red Dianthus with long stems..	.25	.40	1.25



Sweet Wivelsfield

DIANTHUS (Perennial)**Dianthus Plumarius - Grass or Clove Pinks**

	Tr. pkt.	1/8 oz.	1/4 oz.
Cyclops, Single Perpetual. Various colors, red eye	\$0.35	\$0.45	\$0.85
Spring Beauty. Double giant-flowered Carnation-like in form and with a beautiful color .....	.35	.60	1.00
Plumarius Single. Single mixed ..	.20	.35	.60
Plumarius Double. Double mixed	.25	.45	.75
Scoticus Double Special Florist Strain. Self colors of various tints of pink, rose, salmon and white, and the combination of these colors with bright crimson zones. Free flowering. 12-15 inch stems .....	.35	.60	1.00

Dianthus - Pinks for Rock Garden

	Tr. pkt.	1/8 oz.	1/4 oz.
Allwoodi alpinus. Flowers first year from seed. 4 to 6 inches high; mixed colors	\$0.40	\$0.75	\$1.25
Caesius (Cheddar Pink). A dwarf tufted variety. Rose-pink ....	.20	.35	.75
Deltoides Brilliant. Rich rose-pink	.40	.90	

DIDISCUS

	Tr. pkt.
Coeruleus. Blue Lace Flower	\$0.25

DIGITALIS - Foxglove

	Tr. pkt.	1/8 oz.
Giant Shirley Mixed. A greatly improved strain of unusually strong, vigorous growth. Enormous spikes 3 to 5 feet in length set with very large flowers....	\$0.25	\$0.50

DRACAENA

Indivisa. Narrow green leaves. The popular kind for bedding or vases. Tr. pkt., 25c; 1/2 oz., 50c.

ESCHSCHOLTZIA**California Poppy**

	Tr. pkt.	Oz.
Hybrida Mixture	\$0.15	\$0.75

FEVERFEW - Matricaria

(Perennial) Fine for Cut Flowers

Ball's Double White. Extra. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

Dwarf Double Golden Ball. Tr. pkt., 25c; 1/8 oz., 50c.

FORGET-ME-NOT - Myosotis

(Biennial)

	Tr. pkt.	1/8 oz.
Alpestris, Victoria Rosea. Rose	\$0.35	\$0.60
Alpestris, Victoria. Azure-blue .....	.35	.60
Royal Blue (Indigo-blue). 12 in. ....	.35	.70
Ruth Fisher. Extra fine, upright growing, free-blooming, rich color, fine for pots	.35	.60
Oblongata, Blue Bird. Large deep blue flowers 3 to 4 months after sowing; height 1 ft. ....	.35	.50

FOUR O'CLOCK

	Pkt.	Oz.
Marvel of Peru, Mixed	\$0.15	\$0.75

GAILLARDIA GRANDIFLORA

(Perennial)

	Tr. pkt.	Oz.
Burgundy. Self-colored wine-red, 2 1/2 in. in diameter, on long stiff stems, from June until fall	1/4 oz., \$0.65..	\$0.35 \$2.25
Dazzler. Large flowers, bright golden yellow, with rich maroon-red center. 3 ft.	1/4 oz., 60c..	.30 1.75
Goblin. Very compact globular plants, red and yellow bi-color	1/4 oz., 65c..	.35 2.25
Portola Hybrids. The flowers are very large, of great substance. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2 1/2 to 3 ft.	1/4 oz., 50c..	.25 1.75

GAILLARDIA PICTA

(Annual)

	Tr. pkt.	Oz.
Lorenziana Double Choice Mixed	1/4 oz., 35c..	\$0.20 \$1.25

GEUM (Perennial)

Lady Stratheden. Double golden yellow. Tr. pkt., 35c; 1/4 oz., 75c.	
Mrs. Bradshaw. Double fiery orange-red. Tr. pkt., 35c; 1/4 oz., 75c.	

GOURDS, ORNAMENTAL

Decorative Varieties, Mixed. 1/4 oz., 25c; oz., 75c.

GOMPHRENA - Globe Amaranth

An attractive everlasting garden flower with some value for cutting. A fine bedder for hot, dry climates. Mixture of colors. Tr. pkt., 20c; 1/4 oz., 35c; 1 oz., \$1.00.

GREVILLEA

Robusta (Australian Silk Oak). Popular for specimen or combination work. Tr. pkt., 35c; 1/4 oz., 75c.

GYSOPHILA ELEGANS

These are always in demand for mixing with other cut flowers.

Covent Garden Market Reselected. 2 ft. An improved giant pure white. Tr. pkt., 15c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

Grandiflora Alba, London Market. The largest flowered pure white Gypsophila. Tr. pkt., 15c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

GYSOPHILA - Baby's Breath
(Perennial)

Pacifica. Pink variety of strong growth blooming later than *Paniculata*. 4 ft. Tr. pkt., 35c; ½ oz., 75c.

Paniculata. Small, white flowers about 50 per cent double. An excellent strain for drying. Tr. pkt., 40c; ½ oz., 85c.

Repens. Dwarf creeping type excellent for rock garden. Rose, White. Tr. pkt., 35c; ½ oz., 75c.

HELICHRYSUM

The popular double Strawflower.
Choice Mixed. Tr. pkt., 15c; ¼ oz., 35c; 1 oz., 90c.

HEUCHERA - Coralbells
(Perennial)

Sanguinea Hybrids. Mixed colors. Tr. pkt., 50c.
Sanguinea Spitfire. Large rich scarlet. Tr. pkt., 50c.

ANNUAL LARKSPUR
SUPREME LARKSPUR
The Ideal Cut Flower Strain

This is by far the most desirable and florists' favorite because of its especially clear colors, uniform in height, and long well-filled flowering spikes.

Dark Blue Supreme. A truly fine rich violet-purple.

Lilac Supreme. A pleasing shade of clear lilac.

Rose Supreme. A clear, pure deep rose.

Salmon Supreme. A true shade of real salmon.

White Supreme. A fine white Larkspur.

Supreme Mixture.

Trade pkt., 35c; ½ oz., 70c; 1 oz., \$1.25; ¼ lb., \$4.25; 1 lb., \$14.00.

LARKSPUR**IMPERIAL or BASE BRANCHING**

These Larkspurs are ideal for cut flowers, as the flower stems, 3 to 4 feet long, branch from the base of the plant. For indoor forcing. Also good outdoors.

Blue Bell. Azure-blue. **Los Angeles Improved.** Fine pink.

Blue Spire. Violet-blue. **Pink Perfection.** Light salmon.

Lilac King. Rich lilac. **Rose King.** Rich rose.

White King. Pure white. **Imperial—Choice Mixed.**

Tr. pkt., 25c; oz., 85c; ¼ lb., \$3.00; 1 lb., \$10.50.

LARKSPUR
TALL BRANCHING DOUBLE STOCK
FLOWERED
4 feet

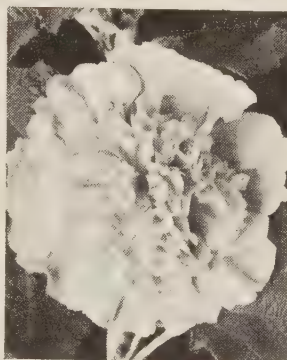
The tall double stock-flowered are best suited for outdoor planting. Seed sown latter part of September usually winters over well in our latitude.

Dark Blue. Fine dark blue. **Rosamond.** Rose-pink.

Lilac Improved. **White.** Pure white.

Los Angeles. Salmon-rose. **Mixed.** Best mixed.

Tr. pkt., 20c; oz., 70c; ¼ lb., \$2.50; 1 lb., \$9.00.



Hollyhock

HOLLYHOCKS

(Perennial)

Triumph. Double mixed. Flowers waved and fringed. Tr. pkt., 35c; ¼ oz., 65c.

CHATER'S DOUBLE

Scarlet **Newport Pink**
Deep Rose **White**
Maroon **Mixed**
Yellow

Each: Tr. pkt., 35c; ¼ oz., 65c; 1 oz., \$2.25.

HOLLYHOCKS

(Annual)

Indian Spring. Starts to bloom 5 months from seed sowing and continues until frost. Tr. pkt., 25c; ¼ oz., 40c.

HUNNEMANNIA

Sunlight. Semi-double. Tr. pkt., 20c; ¼ oz., 40c.

IMPATIENS

Provide splendid pot plants. Also useful for porch boxes. Will succeed in partial shade. Tr. pkt.

Holstii Vermilion. Deep scarlet. \$0.50

Holstii Hybrids Mixed. A fine mixture of the best colors50

Sultani Hybrids Mixed50

Sultani. Bright carmine50

Ipomea. See Morning Glory, page 16.

LARKSPUR REGAL STRAIN

Tremendously long spikes of huge, well-spaced florets distinguish this new strain of florist's market Larkspur from all others.

Regal Dark Blue. Very deep violet-blue.

Regal Pink. Brilliant pink on salmon.

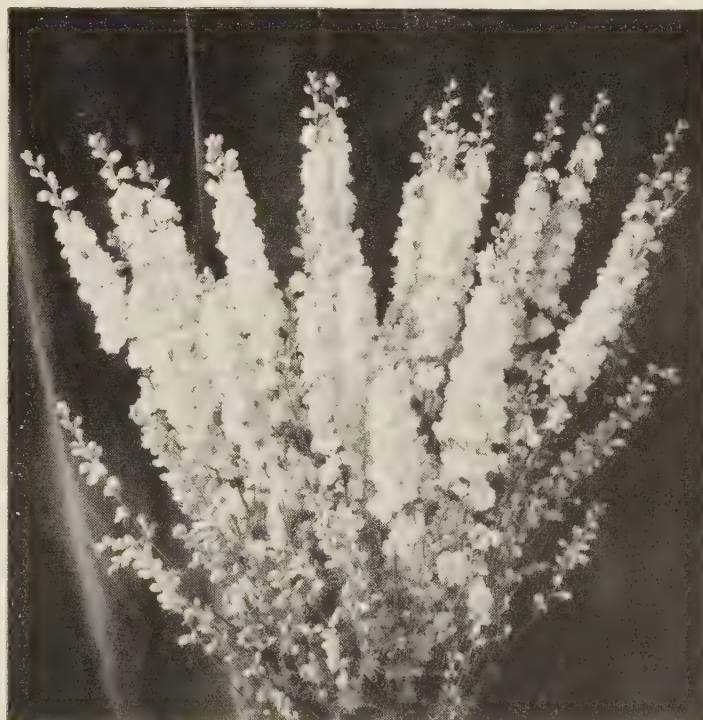
Regal Lilac. Pure clear lilac.

Regal Rose. Rich florist's rose.

Regal White. Pure white.

Regal Finest Mixed.

Tr. pkt., 35c; oz., \$1.25; ¼ lb., \$4.25; 1 lb., \$14.00.



Annual Larkspur

LINUM - Flax (Perennial)

Perenne (Blue Flax). Pale blue, round-shaped flowers on slender stems, height 18 inches. Tr. pkt., 20c; ¼ oz., 45c.

LOBELIA Tr. pkt. ⅛ oz.

Blue Stone. Re-selected: Large flowers, brilliant mid-blue\$0.25 \$0.60
Crystal Palace Compacta. 4 inches, ultramarine-blue. The best for edging; dark foliage25 .50
Emperor William. Deep blue with light green foliage25 .50
Mrs. Clibran. Deep blue, white eye, dark foliage25 .60
Sapphire. For hanging baskets, large, deep navy-blue with white eye25 .60

LOBELIA PERENNIAL

Tr. pkt. ⅛ oz.
Cardinalis. Deep cardinal-red spike. August flowering\$0.35 \$0.75

LUPINUS - Polyphyllus (Hardy Lupine)

Fine for cutting. Requires a well-drained location and thrives best in cool climate.

	Tr. pkt.	¼ oz.	Oz.
Dark Blue	\$0.20	\$0.40	\$1.25
Rose .....	.25	.50	1.50
Harkness Regal Mixture. The standard fine hybrid mixture ..	.20	.40	1.25
Russell Strain. Unusually long closely set flower spikes and the widest range of attractive colors	.25	.50	1.75

LUPINUS (Annual Lupines)**HARTWEGI GIANTS or KING**

An improved strain. 3 to 4 feet high, with base branching habit. Each plant produces from 4 to 6 spikes of bloom.

Dark Blue. Rich Oxford-blue.

Sky Blue. Clear light blue.

White. Glistening pure white.

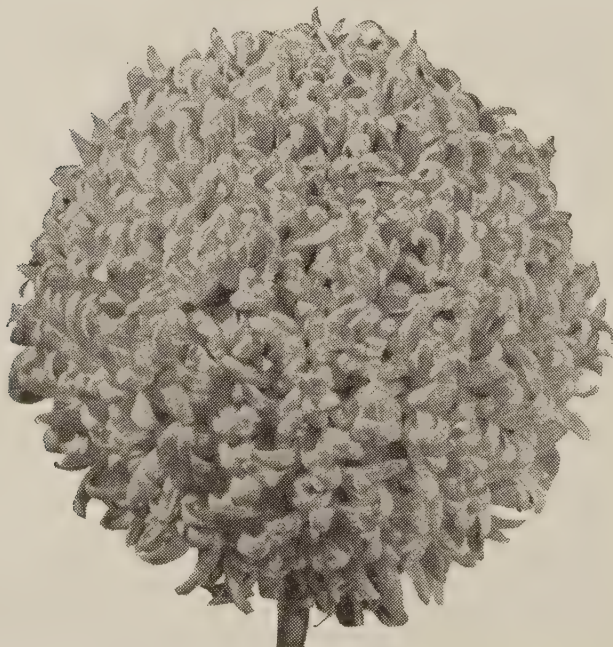
Choice Mixed.

Tr. pkt., 20c; ½ oz., 50c; 1 oz., 90c.

LYCHNIS

(Perennial)

	Tr. pkt.	¼ oz.
Chalcedonica. Fine scarlet flowers. 2 ft. ..	\$0.25	\$0.50
Viscaria Splendens. Early deep rose.....	.25	.50



Marigold, Glitters

MATRICARIA - Feverfew

(Perennial) Fine for Cut Flowers

	Tr. pkt.	⅛ oz.	¼ oz.
Ball's Double White. Extra	\$0.35	\$1.00	\$1.75
Dwarf Double Golden Ball .....	.25	.50	

MIMOSA - Sensitive Plant

	Tr. pkt.
Pudica	\$0.35

MIMULUS

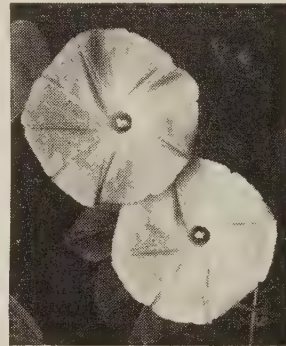
Moschatus (Musk Plant)35

MOONFLOWER

	Oz.	¼ lb.
Noctiflora. Large white.... ½ oz., 30c. ..	\$0.50	\$1.50

MORNING GLORY - Ipomea

Clarke's Heavenly Blue. A beautiful shade of belladonna-blue flowers. Tr. pkt., 20c; ½ oz., 50c; oz., 75c.



Ipomea Heavenly Blue

Scarlett O'Hara. Rich dark wine-red or deep crimson. Tr. pkt., 20c; ½ oz., 65c; oz., \$1.00.

Blue Star. An entirely new color in Giant Morning Glories, a distinct shade of clear sky-blue accentuated by the five deeper blue midribs to form an attractive star, a truly outstanding and most attractive shade. Tr. pkt.,

20c; ¼ oz., 35c; ½ oz., 65c; oz., \$1.00.

MARIGOLD - Tagetes**Tall African, Double Fistulosa 3 Feet**

An especially fine tall branching strain, bearing enormous flowers of the quilled type; valuable for cutting.

Glitters. Glitters Marigold has large, fluffy chrysanthemum-like, sharp canary-yellow flowers, 3 in. and more across, which are freely borne on long, strong stems continuously from early in the summer until frost. Plants are bushy, erect, 3 ft. tall. Excellent for cutting. Tr. pkt., 35c; ¼ oz., 60c; oz., \$2.00.

Orange All-Double. A strain of African Marigold which has come about 95% double. A superior strain for cutting. Tr. pkt., 30c; ¼ oz., 50c; 1 oz., \$1.60.

All-Double Lemon. Same trueness to double type as All-Double Orange. Tr. pkt., 30c; ¼ oz., 50c; 1 oz., \$1.60.

Burpee Gold. An odorless Guinea Gold, same deep golden orange color but considerably earlier. Fine for a spring greenhouse crop or for outdoor cutting if not too hot. Tr. pkt., 30c; ¼ oz., 50c; 1 oz., \$1.60.

All-Double Mixture. Mixture of above All-Double varieties. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.60.

Collarette—Odorless

Odorless foliated plants two feet tall, branching, bearing flowers with crested centers.

Crown of Gold. Bright golden orange. Tr. pkt., 25c; ¼ oz., 40c; 1 oz., \$1.25.

Large Flowered Odorless Mixed. Tr. pkt., 25c; ¼ oz., 45c; 1 oz., \$1.50.

MARIGOLD—Continued



Marigold, Mission Giant, Goldsmith

Mission Giants

Goldsmith. The best version of the Chrysanthemum-flowered Marigold. Globular flower with incurved petals, borne on long base branching stems. 3 ft. tall. Tr. pkt., 30c; ¼ oz., 60c; 1 oz., \$1.85.

Limestone. Beautiful Chrysanthemum type incurved flowers. Limestone is a soft lemon-yellow. Tr. pkt., 30c; ¼ oz., 60c; 1 oz., \$1.85.

Mission Giant Yellowstone. Bright, rich, clear, yellow counterpart to Goldsmith, with large 2½ inch flowers on luxurious, large plants. Flowers are of double, incurved, Chrysanthemum-like form. Tr. pkt., 30c; ¼ oz., 60c; 1 oz., \$1.85.

Sunset Giants, Mixed. This is a mixture ranging from deep orange through golden orange. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.60.

African, Double Carnation-Flowered

2½ Feet

The loose, informal flowers are fluffy in appearance and very popular for cutting.

Guinea Gold. Attractive deep golden orange flowers, 2 to 3 in., and very freely produced; fine for cutting. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.60.

Yellow Supreme. Bright lemon-yellow, loose petaled flower. Not quite as long stemmed as Guinea Gold. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.60.

Double Carnation-Flowered Mixed. Tr. pkt., 25c; ¼ oz., 45c; 1 oz., \$1.40.

Tall French, Winter Flowering

Tr. pkt. ¼ oz.
Grow in Carnation house temperature.

Lieb's Winter Flowering. Mahogany-brown with golden yellow crested center\$0.25 \$0.50

Winter Harmony. Bright orange crest with reddish guard petals..... .25 .50

MARIGOLD - Dwarf French Double



Improved Harmony



Marigold Spry

Butter Ball. Most attractive, very compact, Scabious-flowered, canary-yellow. Only 6 to 10 inches tall. Tr. pkt., 25c; ¼ oz., 40c; oz., \$1.25.

Gold Crest. Golden yellow. Early and free flowering. Tr. pkt., 25c; ¼ oz., 45c; oz., \$1.50.

Harmony Hybrids. Compact habit combined with early free flowering. Orange and yellow shades with blotched and striped combinations. Tr. pkt., 25c; ¼ oz., 40c; oz., \$1.25.

Improved Harmony. Medium size Scabious-like double flowers. Deep orange center with maroon-red outer petals. Tr. pkt., 25c; ¼ oz., 40c; oz., \$1.25.

Lemon Ball. A lemon-yellow, fine for pot combinations. Tr. pkt., 20c; ¼ oz., 35c; 1 oz., \$1.00.

Spry. Dwarf, compact plants about 9 inches high and spreads 15 inches, having a bright yellow center with several rows of mahogany-red guard petals. Tr. pkt., 25c; ¼ oz., 40c; oz., \$1.25.

Sunkist. A bright golden orange. Typical Harmony flowers with crested centers. Uniformly dwarf. Tr. pkt., 25c; ¼ oz., 40c; oz., \$1.25.

Yellow Pigmy. Lemon-yellow. 8 in. Tr. pkt., 25c; ¼ oz., 40c; 1 oz., \$1.25.

Dwarf French Double Mixed. Tr. pkt., 20c; ¼ oz., 35c; 1 oz., \$1.00.

Dwarf French Single 1 Foot

Legion of Honor. Yellow and brown. Tr. pkt., 20c; ¼ oz., 30c; 1 oz., \$1.00.

Naughty Marietta. Rich golden yellow petals attractively marked maroon at the base. 2-inch flowers. Tr. pkt., 25c; ¼ oz., 40c; 1 oz., \$1.25.

Tagetes signata pumila. Very dwarf orange. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.50.

NASTURTIUM, DOUBLE

Double Scarlet Gleam. Dazzling fiery orange-scarlet.

Double Golden Gleam. Especially adapted for window box culture.

Glorious Gleam Hybrids Finest Mixed.

Each: ½ oz., 15c; 1 oz., 25c; ¼ lb., 75c.

NICOTIANA - Flowering Tobacco

Crimson Bedder. 15 in. Makes a very compact growth and very free flowering. Deep crimson-red. Tr. pkt., 25c; ¼ oz., 50c.

White. 36 in. Tall and large flowered. Tr. pkt., 20c; ¼ oz., 35c.

Nicotiana Hybrids, Mixed. Tr. pkt., 25c; ¼ oz., 50c.

NIEREMBERGIA

Tr. pkt.

- Purple Robe.** A fine dwarf deep violet-blue, blooms in 15 weeks from seed\$0.50
- Hippomanica.** An attractive lavender-blue, suitable for outdoor bedding. 6 to 8 in.50

**GIANT PANSIES**

Steele's Jumbo Mixed. This superb strain of Pansies is of largest size, richest and most varied colors. Tr. pkt., \$1.00; 1/8 oz., \$3.25; 1/4 oz., \$5.75; 1/2 oz., \$9.50; 1 oz., \$17.50; 2 ozs., \$33.00.

Steele's Butterfly Hybrids. A select new ruffled Pansy. Tr. pkt. (1000 seeds), \$1.00; 1/16 oz., \$2.00; 1/8 oz., \$3.50.

Super Swiss Giants Mixed. Grand in size, form, color and substance; blotched and beautifully marked. Plants low and compact. Tr. pkt., 50c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$5.50; oz., \$10.00.

Masterpiece Mixed. An extremely bright mixture, early flowering and dwarf, with a good variety of colors. Tr. pkt., 50c; 1/4 oz., \$1.80; 1/2 oz., \$3.25; oz., \$6.00.

Swiss Giant—Separate Colors

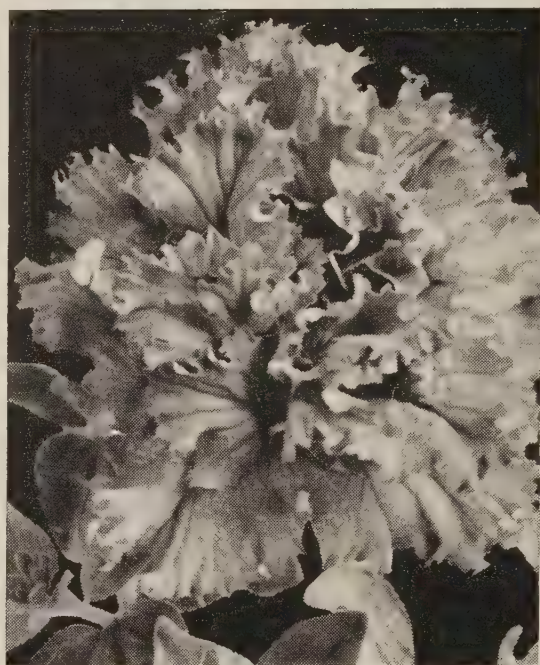
	Tr. pkt.	1/8 oz.	1/4 oz.
Alpenglow. Rich garnet shades..	\$0.50	\$1.75	\$3.00
Berna. Dark velvety violet-blue..	.60	1.75	3.00
Coronaton Gold. Large yellow.	.50	1.75	3.00
Jumbo "Pay Dirt." Largest golden yellow. Flowers have dark rays or tiny faces.....	1.00	2.00	3.50
Raspberry Rose. Beautiful rose.	1.00	2.00	3.50
Thuner Sea. A blue with darker blotch .....	.50	1.75	3.00
Ullswater (Lake of Thun). Marine-blue .....	.50	1.75	3.00
White. Pure white.....	.50	1.75	3.00



Petunia, Dwarf Fringed

SELECTED PETUNIAS

Our Petunia seeds are of the finest quality, grown by the best growers in California and Japan from selected plants. No pot plant is more profitable or satisfactory than a fine pot plant of Petunias.



Double Petunia, Blue Brocade

All-Double Dwarf Petunias**All-Double Dwarf (Victorious) Fringed**

Blue Brocade. Profuse bloomer of true violet-blue. The fringed flowers 3 1/2 to 4 inches across are borne on stocky plants.

Loveliness. La-France-pink, that all important florist color.

Pure White (Snowball). Same dwarf uniform habit of rosy carmine, with large well fringed flowers of the purest white. A fine Mother's day pot plant.

Rosy Carmine Improved (World Beauty or Pink Perfection). Uniformity of growth and a brighter rose color will increase the popularity of this variety more than ever. What could be better than a plant of 8 to 10 blooms with this appealing color.

Silver Blue. Clear blue, without veins. Plants are compact and in every way most desirable.

Victorious All Double Formula Mixture. All colors of the above.

Each of the above:

1/2 Tr. pkt., \$2.00; Tr. pkt., \$3.50.

Large-Flowering Dwarf Fringed**SINGLE DWARF FRINGED - 10-inch**

For neat compact growth and richly fringed flowers, this class is most valuable for use as pot plants. Also highly attractive for bedding. Tr.pkt. 1/64 oz.

Elk's Pride Dwarf. Extra dwarf with large single fringed flowers of velvety violet \$0.75 \$1.75

Lace Veil. Pure white, large flowers, free flowering50 1.50

Salmon Glory. Pure salmon-pink50 1.50

Setting Sun. Brilliant deep rose, dark throats, very free flowering50 1.50

Dwarf Fringed Mixed50 1.25

SELECTED PETUNIAS—(Continued)

SINGLE PETUNIAS Dwarf Giants of California

Flowers are beautifully ruffled and fringed with open well-marked throats. This dwarf class makes particularly fine 3- and 4-inch pot plants for spring business. Seed for this purpose should be sown in January.

Dwarf Giants of California Select Mixed. This is the best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors. $\frac{1}{2}$ tr. pkt., 75c; tr. pkt., \$1.25; 1/64 oz., \$2.50; 1/32 oz., \$4.50; 1/16 oz., \$8.00.

Dwarf Giants of California, Ramona Strain, Dark and Light Shades. A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open, well marked throats. $\frac{1}{2}$ tr. pkt., 60c; tr. pkt., \$1.00; 1/64 oz., \$2.25; 1/32 oz., \$4.00.

Large-Flowering Grandiflora

Generally more robust than the fringed and larger flowered—excellent for bedding. Flowers 3 to 4 inches in width. Height, 12 inches.

Ballerina. (New.) The first variety approaching 100 per cent trueness in this attractive type. Its hybrid vigor and free-blooming, rather compact habit make it particularly adapted to both garden and pot culture. The color of Ballerina is a bright, deep rose. $\frac{1}{2}$ tr. pkt., \$1.35; tr. pkt., \$2.50; 1/64 oz., \$8.00. Tr. pkt. 1/32 oz.

Burgundy. Plain edge. Rich wine-red..	\$0.50	\$2.00
Elk's Pride. Best velvety purple.....	.50	2.00
Flaming Velvet. Velvety blood-red .....	.50	2.00
Pink Triumph. Clear rose-pink .....	.50	2.00
Snow Storm Improved. A fine white, dwarf, compact excellent variety .....	.75	3.00
Theodosia Improved. Largest rose-pink with golden throat, fringed .....	.50	2.00
White Cloud. An effective all purpose dwarf white with nicely ruffled flowers.	.50	2.00
Fringed. Choice mixed .....	.50	1.75
Ruffled Monsters Exquisite Mixed .....	.50	1.75



Dwarf California Giants

DWARF RUFFLED GIANTS

Martha Washington. Delicate rose, center veined rich wine-red, ruffled 3 in. blooms. Tr. pkt., 50c; 1/32 oz., \$1.25; 1/16 oz., \$2.00.

Dwarf Ruffled Little Giants Mixed. This type has medium sized, well ruffled and fringed flowers grown on compact plants, 8 to 10 inches tall. An excellent pot item for florists or can be grown for bedding plants. Tr. pkt., \$1.00; 1/64 oz., \$1.50; 1/32 oz., \$2.50.

Dwarf Ruffled Garden Giants. The outstanding feature of this new variety is its satisfactory plant growth. The plants uniformly develop into well rounded mounds 12 to 15 inches high. They start flowering when extremely small and continue their gorgeous display all through the summer. The mixture includes a wide variety of bright color combinations. Tr. pkt., \$1.00; 1/32 oz., \$2.50.

Petunia, Balcony Pendula

Highly suitable for window boxes. Tr. pkt. $\frac{1}{8}$ oz.

Cornflower Blue. A violet-blue	\$0.35	\$0.90
Black Prince. Deep rich velvety crimson .....	.35	.90
Rose. Fiery rose, select strain .....	.35	.90
Star of California. Violet, white star ..	.35	.90
Violacea. Fairly dwarf deep purple .....	.35	.90
White. Pure white .....	.35	.90
Balcony Mixed .....	.30	.75



Petunia, Ruffled Garden Giants



Grandiflora Fluffy Ruffles



Petunia, Dwarf Giants of California Ramona Strain

SELECTED PETUNIAS—Continued

Compact Dwarf Bedding

Fine for pot sales, garden borders and bedding.



Celestial Rose Re-selected

Admiral. Most attractive dwarf blue bedding Petunia. Flowers are ruffled, adding greatly to their distinctiveness. Tr. pkt., 50c; 1/32 oz., \$1.25.

Celestial Rose Re-selected. Definitely superior to the regular Celestial Rose, slightly dwarfer in habit and larger flowered. Unquestionably the best available strain of this fine pot plant item. Tr. pkt., 40c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

Elk's Star. A new, more compact strain of Howard's Star color. Uniform and early. Tr. pkt., 50c; 1/8 oz., \$1.00.

English Violet. A pleasing shade of rosy violet-mauve, with the same vigorous type of growth as Celestial Rose. Tr. pkt., 40c; 1/8 oz., \$1.00.

Fire Chief. A brilliant scarlet-red, an entirely new color in this class. First gold medal winner in 11 years and the only A.A.S. flower winner for 1950. Plants dwarf and compact with long blooming season. Tr. pkt., 50c; 1/32 oz., \$1.00; 1/16 oz., \$1.75.

Glowing Rose. New low growing Petunia of intense brilliance. The plants are mound-shaped and of unusual uniformity, completely covered with glowing rose flowers. Tr. pkt., 40c; 1/16 oz., \$1.00; 1/8 oz., \$1.50.

Glow. Bright rose-red, with lighter throat. Dwarf, compact bell-shaped. Very free flowering and true to type. Tr. pkt., 40c; 1/16 oz., \$1.00.

King Henry. Large flowers of a rich velvety blood-red color. Very free flowering. Dwarf compact habit. Tr. pkt., 75c; 1/32 oz., \$1.25.

Rose of Heaven Improved. The best strain on the market for borders and bedding. Perfectly uniform, fine rose-pink color; dwarf habit. Tr. pkt., 35c; 1/8 oz., 65c; 1/4 oz., \$1.00.

Rosy Morn Improved. Differs from the original in that the rose coloring is stronger and deeper and habit some stronger. Quite uniform and distinct in every way. Tr. pkt., 35c; 1/8 oz., 75c; 1/4 oz., \$1.25.

Silver Blue (Heavenly Blue.) Reselected rich light blue, compact habit and truer than most strains. Tr. pkt., 35c; 1/8 oz., 85c; 1/4 oz., \$1.50.

Topaz Queen. A remarkable color combination of glowing carmine-rose with distinct orange-scarlet overtone. Tr. pkt., 35c; 1/8 oz., 75c; 1/4 oz., \$1.35.

Snowball Improved. This compact white Petunia is the result of many years work to obtain a lower growing compact strain. The flowers are large, full round with a light throat. Tr. pkt., 40c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

Snow Queen. Our finest pure white bedding Petunia. Its strong spreading growth and free flowering habit have made it a favorite wherever grown. Tr. pkt., 35c; 1/8 oz., 75c; 1/4 oz., \$1.25.

Velvet Ball. Dwarf compact plants with velvety blood-red blooms. Tr. pkt., 75c; 1/32 oz., \$1.25.

Viola cea. Deep violet, dwarf, with a bright blue cast. A new color in the nana compacta type. Tr. pkt., 35c; 1/8 oz., 75c; 1/4 oz., \$1.25.

Nana compacta Mixed. A well balanced mixture. Tr. pkt., 30c; 1/8 oz., 60c; 1/4 oz., \$1.00; oz., \$3.50.

Petunia Hybrida, Bedding

This class is of vigorous growth and for this reason is suited to outdoor bedding where summers are most trying.

Blue Bee. Blue of Jersey Gem Viola. Tr. pkt., 30c; 1/8 oz., 60c; 1/4 oz., \$1.00.

Flaming Velvet. Rich brilliant velvety blood-red or crimson flower. Tr. pkt., 35c; 1/8 oz., 50c; 1/4 oz., 90c.

General Dodd. This is a velvety blood-red, but differs in the growth. In height this does not exceed 10 inches. Tr. pkt., 25c; 1/8 oz., 50c; 1/4 oz., 90c.

Howard's Star Improved. Medium tall velvety purple with white star. Highly attractive and popular for bedding. Tr. pkt., 35c; 1/8 oz., 75c; 1/4 oz., \$1.25.

White King. Pure white. Tr. pkt., 30c; 1/8 oz., 75c; 1/4 oz., \$1.25.

Radiance. A very brilliant and rich rose or cerise color, veined yellowish throat. Blooms very early and profusely, of uniform height and branching nicely. Tr. pkt., 30c; 1/8 oz., 75c; 1/4 oz., \$1.25.

Topaz Rose. Brilliant deep carmine-rose; about same color as Topaz Queen. Tr. Pkt., 30c; 1/8 oz., 65c.

Viola cea. Rich violet, compact and dwarf. The finest dwarf violet. Tr. pkt., 30c; 1/8 oz., 60c; 1/4 oz., 90c.

Choice Bedding Mixed. A very choice mixture which contains a splendid blend of color. Tr. pkt., 25c; 1/4 oz., 75c; oz., \$2.50.

PENTSTEMON, BEARD TONGUE

(Perennial)

Sensation. The most brilliant and varied colors; many of them are beautifully edged with a fine contrasting color. 2 ft. Tr. pkt., 35c.

PHLOX

Drummondi Nana Compacta

Dwarf type for growing in pots or bedding.

Fire Ball. Fine dwarf red. Tr. pkt., 35c; 1/8 oz., 50c; 1/4 oz., 90c; oz., \$3.25.

Cecily Mixture. A bright mixture of all colors and shades in dwarf types. Tr. pkt., 35c; 1/8 oz., 50c; 1/4 oz., 90c; oz., \$3.50.

Dwarf Fine Mixed. Compact plants averaging about 6 inches high. Tr. pkt., 35c; 1/4 oz., 90c; oz., \$3.25.



Phlox Drummondi—Gigantea Art Shades

Drummondi Gigantea

A strain of Phlox Drummondi with flowers an inch and a quarter to an inch and a half in diameter. It has a most wonderful range of color.

Red Glory. A bright scarlet-red with large contrasting white eye.

Rosy Morn. A particularly bright, clear rose-pink.

Salmon Glory. Pure salmon-pink with creamy white eye.

Tr. pkt., 35c; 1/8 oz., 60c; 1/4 oz., \$1.00; oz., \$3.25.

Art Shades Mixture. Large flowered mixture of pastel shades with white eyes.

Tr. pkt., 35c; 1/8 oz., 50c; 1/4 oz., 90c; oz., \$3.00.

Phlox Globe Mixed. (New.) A dwarf annual Phlox for low edging, bedding, ground covers, rockeries and for pots. It grows 5 to 6 inches high, with colors dominantly royal purple and white but with other Phlox colors as well. Tr. pkt., 50c; 1/16 oz., \$1.25; 1/8 oz., \$2.25; 1/4 oz., \$4.00.

PLATYCODON Tr. pkt. 1/4 oz.

Grandiflorum. Large steel-blue flowers..\$0.40 \$0.75

POPPIES

Poppy, Iceland (Nudicaule)

Tr. pkt. 1/4 oz.

Sanford's Giant Strain. Immense flowers on stiff strong stems, very varied range of colors\$0.35 \$0.75



Primula Malacoides



Papaver Orientale

PAPAVER ORIENTALE - Oriental Poppy

The named varieties of Oriental Poppies do not come entirely true from seed. Tr. pkt. 1/4 oz.

Brilliant. Brilliant fiery red; 40 in.\$0.35 \$0.75

Beauty of Livermere. Dark oxblood35 .85

Princess Victoria Louise. Salmon35 .85

Mixture of All Colors35 .75

POPPIES Annual

Tr. pkt. Oz.

Shirley Finest Single Mixed.\$0.15 \$0.75

American Legion. Single orange-scarlet.. .15 .75

PORTULACA - Moss Rose

A very excellent plant for dwarf bedding or border work. Very easily grown. Tr. pkt. 1/4 oz. Oz.

Grandiflora Double Mixed.\$0.25 \$0.75 \$2.50

Grandiflora Single Mixed25 .50 1.50

PRIMULA Obconica

Tr. pkt.

Fasbender's Red. Extra large deep crimson\$1.00

Mueller Atrosanguinea. Lighter shade 1.00

PRIMULA Malacoides

Finest Mixed. A well-balanced blend of colors\$1.25

PYRETHRUM (Perennial)



Pyrethrum

One of the really good hardy perennials, valuable alike for cutting or planting in the hardy border.

Robinson's Giant Hybrid Red. Fine for cutting. Tr. pkt., 40c; 1/8 oz., 75c; 1/4 oz., \$1.25.

Semi-Double Mixture. Excellent. Tr. pkt., 40c; 1/8 oz., 75c; 1/4 oz., \$1.25.

Robinson's Single Giant Hybrids Mixed. Large flowering. Tr. pkt., 35c; 1/8 oz., 60c; 1/4 oz., \$1.00.

RICINUS - Castor Oil Plant

Tr. pkt. Oz. 1/4 lb.

Crimson Spire. 8 ft. Crimson

stems and foliage.....\$0.20 \$0.35 \$1.00

Zanzibariensis, Mixed...... .15 .35 .90

RUDBECKIA (Cone Flower) 2 ft.

Starlight. Primrose-yellow to mahogany and bi-colors, with mahogany centers. Very fine. Tr. pkt., 35c; 1/4 oz., \$1.00.

SALPIGLOSSIS

Some very attractive colors for summer cutting and spring flowering under glass. Tr. pkt. 1/4 oz.

Emperor. Extra choice large flowering mixture\$0.25 \$0.45

SALVIA SPLENDENS

We fully realize the importance of Salvias to florists and are careful to arrange for our stock with an American specialist who supplies only fine plump seed.

Tr. pkt. 1/4 oz. Oz.

America (Globe of Fire). Plants grow about 18 inches high ...\$0.40 \$1.25 \$4.50

Blaze of Fire. The earliest and most dwarf red strain available. About 12 inches high65 1.75 6.25

Clara Bedman (Bonfire.) Erect habit—the old standby. 18 in. .40 1.25 4.50

Harbinger (Firebrand.) Northern grown seed. Of uniform type, about 15 inches high; free and early flowering50 1.25 4.50

St. John's Fire. Early free-flowering, dwarf scarlet. 12 in.75 2.00 7.50

Farinacea (Blue Bedder). 30 in. Perennial but best known as an annual. Deep blue flowers .. .40 1.25

SAPONARIA Tr. pkt. 1/4 oz.

12 in. Trailing Rose; hardy rock plant...\$0.35 \$0.75



Scabiosa, Blue Moon

SCABIOSA

Choice long-stemmed annuals for summer cutting.

	Tr. pkt.	Oz.
Blue Cockade. Deep azure-blue	\$0.35	\$1.50
Blue Moon. Rich deep lavender-blue ...	.35	1.50
Loveliness. Salmon-rose .....	.20	.75
Shasta White .....	.20	.75
Giant Hybrids Mixed .....	.25	1.00

Scabiosa (Perennial)

Excellent perennial cut flower material. Larger flowered than the popular annual form, perfectly hardy, and early flowering. Seed germination sometimes slow and irregular. Tr. pkt. 1/4 oz.

Caucasica, House Hybrids. Lavender and blue shades.....	\$0.50	\$1.00
Columbaria, Lavender. Delicate color ...	.35	.75
Choice Mixed.....	.40	1.00



Salvia

SCHIZANTHUS (Butterfly Flower)

Tr. pkt.

Giant Flowering Hybrids. Select large flowered hothouse strain.....\$0.35

Compactus, Mixed. The plants grow dwarf and compact35

SHAMROCK

True Irish Shamrock. Sow January 1st; Patrick's Day plants; use 3 or 4 seedlings per pot. Tr. pkt., 25c; 1/4 oz., 45c.

SOLANUM - Jerusalem Cherry

Tr. pkt. 1/4 oz.

Hlavacek's Masterpiece. A compact type, red\$0.50 \$1.25

STATICE, PERENNIAL

Tr. pkt. 1/4 oz. Oz.

Dumosa. Clear silvery white....	\$0.25	\$0.60	\$2.00
Latifolia. Small purplish blue ..	.25	.60	2.00

STATICE SINUATA

The seed of annual Statice is of irregular germination.

Bonduelli. Similar to Sinuata. Yellow.

Kampf's Tall Improved. Extra long-stemmed, deep blue, the best blue.

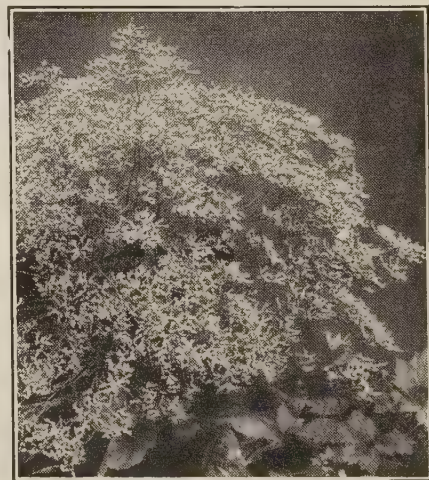
Lavender Queen. The flowers are a beautiful clear bright lavender.

Rosea Superba.

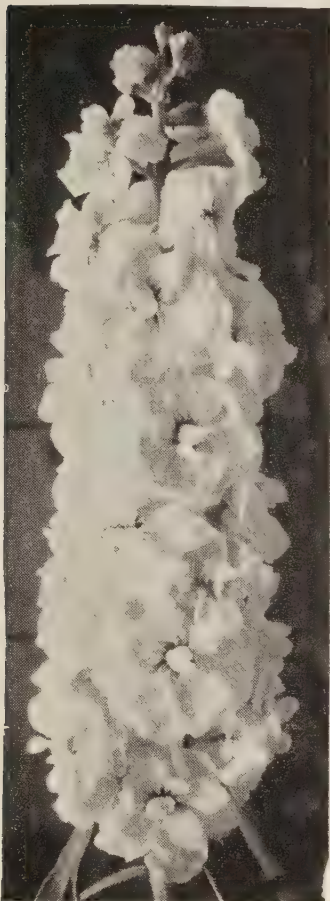
Hybrid Mixture. A mixture of the above colors.

The above: Tr. pkt., 20c; 1/2 oz., 35c; oz., 60c.

Suworowii. Excellent for spring cutting. Tr. pkt., 20c; 1/4 oz., 40c; 1 oz., \$1.35.



Statice



Stocks

STOCKS

NON-BRANCHING COLUMN

Immensely fully double close-spaced flowers, one 2- to 2½-ft. spike per plant. This strictly non-branching strain is in very great demand by florists.

American Beauty. American Beauty Rose.

Avalanche is definitely the earliest of all White Column Stocks.

No. 16 Ball White Improved. Finest early white, with extra large florets.

Ball's White. Sometimes tinged blush.

Blue. Rather deep lilac. Fine color.

Chamois Pink. Apricot or chamois-pink.

Lilac Lavender. Clear, bright lavender.

Malmaison Pink. Long stemmed blush-pink.

Rose-Pink. This is the popular clear rose.

Ruby. Rich crimson-red.

Shell-Pink. Soft pink.

Silvery Lilac. Lilac-lavender.

Supreme No. 22. Bright silvery pink.

White Giant. Pure white with no green centers.

Exquisite Mixed. A well-balanced blend.

Any of the above:

Tr. pkt., \$1.00; ¼ oz., \$2.50; oz., \$9.00.

IMPERIAL IMPROVED BISMARCKS

An especially meritorious class; of branching habit.

Chamois. Ivory-tinted rose.

Elk's Pride. Rich purple.

Flesh. Delicate pink.

Fiery Blood-Red.

Lilac. Lilac-lavender.

Rose. Deep rose-pink.

Santa Maria. Giant white.

Choice Mixed. Very double.

Any of the above varieties:

Tr. pkt., 35c; ¼ oz., \$1.00; oz., \$3.20.

SWEET PEAS

Early or Winter Flowering Spencer

These are all exceptionally large-flowered and long-stemmed.

American Beauty. A rich crimson-rose.

Amethyst. Royal purple.

Apollo. Soft salmon-rose, long stemmed.

Avalon. Mid-blue. A shade deeper than blue.

Ball's Rose Improved. Rich deep rose-pink.

Ball Rose Queen. The best rose-pink.

Ball Orange Improved. Clear orange.

Ball White. White seeded.

Boon. Deep salmon-pink.

Burpee's White. Giant white seeded.

Blue Bird. A magnificent violet-blue.

Bridesmaid. A charming deep silvery pink.

Daphne. Soft salmon-pink; a fine color.

Fiesta. A new fine orange-rose.

Fragrance. Large frilled lavender flowers.

Harmony. Clear lavender.

Hope. Pure black-seeded white.

Hiawatha. Deep rose on white ground.

Laddie Improved. Rose.

Mrs. Herbert Hoover. Bright blue.

Mrs. H. S. Reddick. Salmon-pink.

Sequoia. Rich golden cerise.

Treasure Island. Golden orange.

Triumph. Lovely soft lilac-mauve.

White Harmony. Black-seeded white.

Early Flowering Mixed.

Spring-Flowering (Cuthbertson) Sweet Peas

Unexcelled for Spring Forcing and Outdoor Culture

The spring-flowering types give a much heavier crop of longer stemmed flowers than the standard early-flowering types but come into bloom a little later. Seed should not be sown before October in the greenhouse for flowering during March, April and early May. Sown early outdoors they are superior to, and come into flower earlier, than the standard summer flowering varieties.

Coline. Scarlet.

Evelyn. Salmon-cream-pink.

Frank G. Clear lavender.

Hazel. Light blue.

Janet. White, black seeded.

Jennie. Pure white, white seeded.

Lois. Clear rose-pink.

Tommy. Clear marine-blue.

Mixture. A balanced blend of all colors.

1 oz., 40c; ¼ lb., \$1.25;
1 lb., \$4.50.



Sweet Peas

Price, all above: 1 oz., 40c; ¼ lb., \$1.45;
1 lb., \$5.25.



Dianthus Barbatus—Sweet William

SWEET WILLIAM**DIANTHUS BARBATUS (Perennial)**

There is always a good demand for these beautiful, single, free-flowering, old-fashioned favorites.

	Tr. pkt.	1/4 oz.	Oz.
Dark Crimson	\$0.35	\$0.60	\$2.00
Holborn Glory .....	.35	.60	2.00
Newport Pink .....	.35	.60	2.00
Scarlet Beauty .....	.35	.60	2.00
White .....	.35	.60	2.00
Single Choice Mixed .....	.35	.60	2.00
Double Choice Mixed35	.70	2.50

DWARF COMPACT**Dwarf Alpine Compact Mixed.**

8 in.	\$0.50	\$1.00	\$3.50
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SWEET WILLIAM (Annual)

Annual Single Mixed. Blooms from seed the first year.

Tr. pkt., 20c; 1/4 oz., 40c.

THUNBERGIA - Black-Eyed Susan

	Tr. pkt.	1/4 oz.	Oz.
Mixed. Trailer for window and porch boxes .. 1/4 lb., \$3.00..	\$0.20	\$0.30	\$0.90

TORENIA FOURNIERI

Flowers are sky-blue, blotched dark blue with yellow centers. Tr. pkt., 35c.

TITHONIA

Torch. Torch is easy; it grows as easily as a Zinnia—thrives on hot weather. It's orange-red, and red is the American public's favorite color. It's a cut flower that blooms from August until frost. Tr. pkt., 35c; 1/8 oz., 60c; 1/4 oz., \$1.00.

TRITOMA - Red Hot Poker

3 Feet

	Tr. pkt.	1/4 oz.
Hybrida Mirabilis. Blooms first year	\$0.25	\$0.50

WILD FLOWER GARDEN SEED MIXTURES

Annuals. A selection of easy-to-grow showy, free-blooming dwarf annuals especially chosen for beds and borders but many may be used for cutting. Tr. pkt., 25c; oz., 65c; 1/4 lb., \$2.25.

Perennial Mixture. A fine mixture of hardy perennials for permanent rock gardens and border. Tr. pkt., 35c; 1/4 oz., 60c; 1/2 oz., \$1.00; 1 oz., \$1.75.

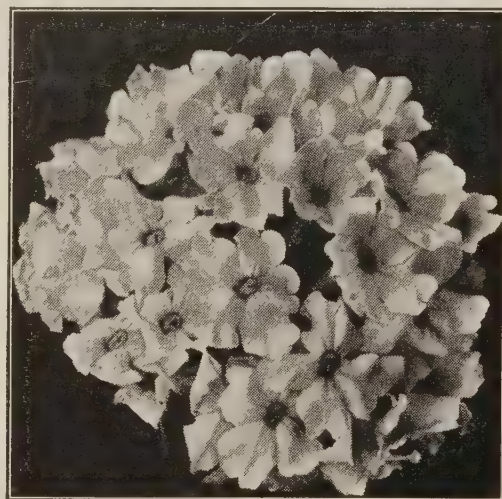
VERBENA Hybrida Grandiflora

A magnificent strain of robust, compact habit and free blooming.

Beauty of Oxford Hybrid. Beautiful rose-pink.
Lavender Glory. Variable in color. Blue with white eye.
Luminosa. Fiery pink shading to salmon.
Royale. Royal blue, creamy yellow eye.
Spectrum Red. Intense bright red.
Sutton's Blue. Large flowered deep royal blue.
White. Fine.
Grandiflora Mixed.

Prices of above varieties:

Tr. pkt., 35c; 1/4 oz., 75c; 1 oz., \$2.50.



Verbena

New Bush Type

Roselight. Bright rose-pink with white eye.
Salmon Queen. Brilliant salmon-pink.
Starlight. Bright mid-blue with creamy white eye.
Bush Type Blend. Mixed.

Tr. Pkt., 35c; 1/4 oz., 75c; 1 oz., \$2.50.

VERONICA (Speedwell)

(Perennial)

Repens. Bright blue, dwarf. Tr. pkt., 35c; 1/4 oz., 90c.
Spicata Mixed. Fine for bouquets. Tr. pkt., 30c; 1/4 oz., 75c.

VINCA ROSEA (Periwinkle)

This seed should be sown early to secure salable plants for spring.

	Tr. pkt.	1/4 oz.	Oz.
Rosea Alba. White rose center..	\$0.25	\$0.50	\$1.75
Alba Pura. Pure white.....	.25	.50	1.75
Rosea. Pink .....	.25	.50	1.75
Mixed .....	.25	.50	1.75

VIOLA (Tufted Pansy)

Arkwright Ruby. Ruby-crimson shading to terra cotta. Tr. pkt., 50c; 1/8 oz., \$1.35.

Blue Perfection. Clear blue. Tr. pkt., 35c; 1/8 oz., 90c.

Chantreyland. Best apricot. Tr. pkt., 50c; 1/8 oz., \$1.35.

Firmament. Pure sky-blue. Tr. pkt., 50c; 1/8 oz., \$1.50.

Lutea Splendens. Sulphur-yellow. Tr. pkt., 35c; 1/8 oz., 75c.

White Perfection. Pure white. Tr. pkt., 35c; 1/8 oz., 75c.

Mixed. Tr. pkt., 35c; 1/8 oz., 75c.



Viola Cornuta

FLORISTS' ZINNIAS

Bodger's "Gold Medal" Zinnias for Cut Flowers and Garden

By sowing outdoors in May and as late as August 1st, in well enriched soil and protected with water, they can be had in fine shape right up to frost.

ZINNIAS

Bodger's Gold Medal Giant Double Dahlia-Flowered

The plants are of medium height, 2½ to 3 ft., very robust, bearing many strong stems of the fully double, huge flowers which resemble the show type of Dahlia.

Canary Bird. Rich canary-yellow.

Crimson Monarch. Deep crimson, flowers very large.

Dream. Deep rosy lavender.

Exquisite. Light rose, deep rose center.

Golden Dawn. Golden yellow.

Illumination. Deep rose self.

Luminosa. Bright deep pink.

Oriole. Orange and gold bicolor.

Polar Bear. Large creamy white.

Royal Purple. Deep rich purple.

Scarlet Flame. Bright scarlet.

Will Rogers. Loveliest, most brilliant scarlet-red.

Gold Medal Finest Mixed. Grown as separate colors.

Prices of Above Varieties:

Tr. pkt., 25c; ¼ oz., 40c; 1 oz., \$1.20; ¼ lb., \$3.50.

Elegans Pumila Dwarf Double (Cut-and-Come-Again)

Canary-Yellow.

Salmon-Rose.

Crimson.

Scarlet. Bright scarlet.

Pinkie. Rose-pink.

Snowball. White.

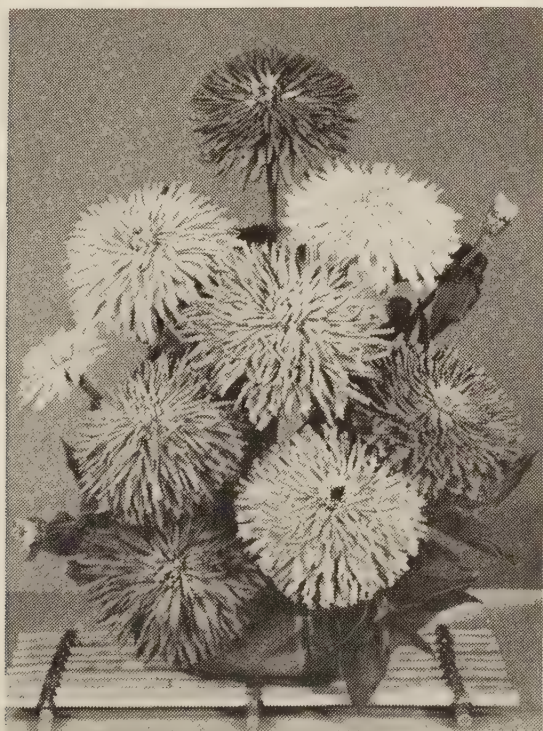
Elegans. Finest Mixed.

Tr. pkt., 15c; ¼ oz., 25c; 1 oz., 75c; ¼ lb., \$2.50.

Burpee Hybrid Zinnias

Burpee Hybrids are the loveliest Zinnias ever created, immense fluffy and ruffled flowers with graceful, curved petals like those of a giant Chrysanthemum. Entirely free of the stiffness often associated with Zinnias. These giant Hybrid Zinnias come in a gorgeous range of colors and color combinations. Plants are 3 ft. tall.

Tr. pkt., 35c; ⅛ oz., 60c; ¼ oz., \$1.00; oz., \$3.00.



Burpee's Hybrids



Zinnia, Peppermint Stick

Double Lilliput

The Lilliputs are among the most popular Zinnias for cut flower use. The flowers are small, compact, and symmetrical, on strong stemmed, 1½ to 2 ft. plants.

Canary Gem. Canary-yellow.

Rosebud. Rose-pink.

Crimson Gem.

Salmon Gem.

Golden Gem. Golden orange.

Scarlet Gem.

Lilac Gem.

White Gem.

Lilliput. Pastel Mixture.

Prices of Above Varieties:

Tr. pkt., 25c; ¼ oz., 35c; 1 oz., \$1.00; ¼ lb., \$3.25.

Persian Carpet Zinnia

Honorable Mention in All-America Selections for 1952. This gives a new and more appealing name to this larger and wider colored strain of Mexican Zinnias. It has the deep, rich tones of reds and golds with other shades which should attract gardeners generally. Extremely easy to grow, covered with medium sized blooms on good cutting stems. Pkt., 40c; ⅛ oz., 75c; ¼ oz., \$1.25; oz., \$4.00.

Zinnia Peppermint Stick

Medium-sized flowers reselected for a wider color range, including red and white, red and yellow, pink and white, orange and yellow, and purple and white. Plants somewhat taller than Pumila bear medium-sized Pumila type striped flowers. Tr. pkt., 25c; ¼ oz., 35c; oz., \$1.00.

Miscellaneous Types

Gracillima (Red Riding Hood). 1 foot high, splendid for bedding. Tr. pkt., 25c; ¼ oz., 50c.

Linearis. The plants grow about 1 foot high. The flowers are a beautiful orange-yellow color. Tr. pkt., 25c; ¼ oz., 50c.

FANTASY, Star Dust. Rich, deep, golden yellow.

FANTASY, Wildfire. Dazzling scarlet.

Crown of Gold Pastel Tints. A mixture of pastel tints and contains a wide color range.

Above 3 varieties: Tr. pkt., 25c; ¼ oz., 40c.



Amaryllis

AMARYLLIS

(Large Flowering Hybrids)

These bulbs will make handsome pot plants for window display during the spring. Light and red shades, mixed.

	Doz.	100
Select Bulbs. 3 inch	\$3.60	\$25.00

BEGONIAS—Tuberous Rooted

Forcing can be started in February, March or April. **California Grown Double Camellia Flowered.** The largest and most popular of the double forms. Individual flowers 5 to 8 in. in diameter. Nice for corsages and other cut-flower purposes. Pink, Yellow, Rose, Scarlet, White, Orange, Cardinal-Red, and Mixed. Large bulbs, 2 inches. Doz., \$2.75; 100 for \$20.00.

BLEEDING HEARTS

Used extensively as an early spring pot plant. Fine for Valentine's Day. Blooms outdoors in early spring. Hardy. Ready January to March.

	Doz.	100
3 to 5 Eyes	\$4.50	\$34.00
5 to 8 Eyes	6.00	44.00



Caladium, Fancy-Leaved

CALADIUM - Fancy-Leaved

Choice dormant bulbs for January and February delivery. Our mixture of named sorts is probably the best to be had. We have graded them especially for good size bulbs of the finest varieties.

Fine assortment of highly colored, separate named varieties:

	Doz.	Per 100
No. 1, 1½ to 2 inches	\$3.25	\$22.00

CALADIUM ESCULENTUM—**Elephant's Ear**

Much used for bordering Canna beds or sub-tropical plantings.

	Doz.	100
Selected Size Bulbs. 7 to 9 inches	\$2.00	\$14.00
Extra Large Bulbs. 9 to 11 inches ...	3.00	21.00

SUMMER FLOWERING BULBS

Begonias—Tuberous Rooted

**CANNAS (Large Flowering)
Dormant Roots**

Our Canna roots are strong and healthy. The varieties listed below have proven indispensable where large exhibition showings are needed.

City of Portland. Deep pink. Green foliage. 3½ feet. Extra good flowers.

King Humbert. This remarkable Canna is the greatest favorite. Broad, tropical foliage. Scarlet flowers; bronze leaves. 4 feet.

Rosemond Cole. A beautiful crimson with yellow edge. Height 3½ feet; green foliage.

Yellow King Humbert. 4 feet. Flower is a deep rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower.

The President. 4 feet. This immense flaming scarlet is extremely popular. Double flowering, rich red clusters. Heavy green foliage.

Prices—All above Cannas: Per 100, \$6.00; per 1000, \$55.00.

GLOXINIAS—California Grown

Flowers richly colored and easily grown. Ready January to March. Requires a loose porous soil. Should be kept shaded and watered very carefully, applying water only as needed.

Blanche de Meru. Rose with white throat. Pink edge.

Etoile de Feu. Light scarlet, compact growth.

Mt. Blanc. Clear white.

Prince Albert. Darkest violet, frilled.

Princess Elizabeth. Blue with white throat.



Gloxinias

Emperor Frederick. Scarlet bordered white.

Emperor William. Violet bordered white.

Large bulbs, 1½ to 2 in. in diameter: Doz., \$3.25; 100 for \$22.50.

SUMMER FLOWERING BULBS

Gladiolus delivery can be made any time from January 1st to May 15th; and you may be assured that every effort will be made to handle your order efficiently, promptly and to your entire satisfaction. Prices are subject to change. If in need of large quantities, send us your list for a special quotation.

We carry a large stock of No. 2 size. If in the market, please write for market price.

GLADIOLUS

	First Size	
	100	1000
Beacon. Red-salmon with cream throat, very tall. Medium early	\$2.50	\$20.00
Blue Beauty. One of the finest medium deep blues. Fine early commercial ..	3.50	30.00
Corona. Creamy white, cream throat with rosy lavender flecks at edges	4.00	35.00
Debonair. La-France-pink, cream throat	2.50	20.00
Elizabeth The Queen. Extra fine new lavender, beautiful ruffled needle point bloom, darker than Minuet. Excellent commercial	3.50	28.00
Ethel Cave Cole. Large, massive spikes of light pink self color	3.00	25.00
Gold Dust. Extra fine deep yellow	2.70	22.00
Harry Hopkins. Fine lavender-rose ...	3.50	30.00
Johan Van Konynenburg. Finest garnet-red	3.00	25.00
Lady Jane. Clear glistening cream, ruffled	3.50	30.00
Leading Lady. Creamy white with a lemon-yellow throat	3.50	28.00
Margaret Fulton. Coral-pink, to trifle lighter throat; tall spike. Early	2.50	20.00
Maid of Orleans. Beautiful milky white with cream throat. Tall, sturdy grower	2.50	20.00
Miss Bloomington. Six to eight large, perfectly placed, rich lemon-yellow blooms open at a time.....	2.50	20.00
Pacifica. Large pure white	2.75	23.00
Picardy. The most popular of all Gladioli. Color is a beautiful light salmon	3.50	28.00
Purple Supreme. Outstanding tall bright purple. Superb cut flower	3.50	28.00
Rosa Van Lima. Pure self colored light pink. Many flowers open at one time.	2.50	20.00
Silentium. White blending to cream, with carmine marking in throat	3.50	30.00
Silver Wings. Glistening white with a touch of cream in the throat. It will open up to 8 heavily ruffled 6 inch florets on long spikes	3.50	30.00
Snow Princess. A fine large, pure white.	2.50	20.00
Spotlight. Ruffled, deep yellow, scarlet blotch	3.60	32.00
Token. An extra early flame-salmon, clear yellow throat	2.50	20.00
Valeria. Very large, light scarlet	3.50	28.00
White Gold. Another heavily ruffled white shading into a cream throat ...	3.50	28.00
Florist's Superfine Mixture	2.50	20.00



CALLA LILIES

Calla Elliottiana. Flower rich golden yellow; foliage dark green with creamy spots. Makes a good pot plant for indoor culture. Does well outside.

	Doz.	100
Large size, 2½ to 3 in.	\$4.50	\$33.00
Medium size, 2 to 2½ in.	3.25	22.00

ISMENE CALATHINA

Peruvian Daffodil. Flowers are pure white, borne 3 or 4 on a stem and are very fragrant.

	Doz.	100
Large bulbs	\$3.00	\$20.00

TUBEROSES

	100	1000
Single Everblooming. Our bulbs are selected from dependable growers	\$6.00	\$50.00

HARDY LILIES

Lilium Regale. (Oregon grown.) The flowers are white, shading to yellow in the center, with a pink tinge on the outer edge. A strong grower, some 3 to 4 ft. high.

	Doz.	Per 100	Per case
7- 8 inches—250 to case ...	\$2.00	\$12.00	\$29.00
8- 9 inches—200 to case ...	2.50	15.00	29.00
9-10 inches—150 to case ...	3.50	21.00	30.00

LILIUM RUBRUM

Rubrum. (Japan.) Handsome heads of flowers with reflexing petals heavily spotted crimson on white ground.

	Per 100	Per case
8-9 inches—200 to case	\$22.00	\$38.00

LILIUM AURATUM (Gold Band)

Auratum. The Gold-Banded Lily of Japan grows 3 ft. tall, white gold striped with crimson dots. Blooms in July and August.

	Per 100	Per case
8-9 inches—200 bulbs per case	\$35.00	\$64.00

GARDEN AND LAWN FERTILIZER

A Necessity to All Growing Plants

The highest grade only. Guaranteed analysis. All f.o.b. St. Louis. Price subject to market change.



ARMOUR VERTAGREEN

Vertagreen is a high quality, scientifically blended and balanced plant food, excellent for obtaining more prolific growth of lawns, flowers, shrubs, trees and garden vegetables. It is clean, odorless and easy to apply.

Vertagreen contains 5% nitrogen, 10% phosphorus and 5% potash, the three major plant foods, in addition to several other elements essential to successful plant germination.

Consumer's price	Dealer's price
1-lb. pkg., \$0.15.	32 1-lb. pkgs. to case, \$ 2.88
5-lb. pkg., .50.	12 5-lb. pkgs. to case, 3.84
10-lb. pkg., .90.	6 10-lb. pkgs. to case, 3.54
25-lb. pkg., 1.60.	Per ton 84.00
50-lb. bag, 2.65.	Per ton 74.00
100-lb. bag, 4.25.	Per ton 58.00

ARMOUR'S VERTAGREEN 10-8-6

A concentrated fertilizer for lawns, trees, shrubs and ornamental plants. For garden or lawn use. 100 lbs. for 50x100 ft. 100-lb. bag, \$4.75; ton, \$70.80.

ADCO

Make your own manure. Turn every bit of vegetable waste—leaves, weeds, cuttings, etc., from the garden, straw and cornstalks from the farm—into real manure without animals by the simple ADCO process. Instructions free. 5-lb. pkg., \$1.25; 20-lb. bag, \$3.00.

ALUMINUM SULPHATE

For making acid soil. Also used in benches that contain too much lime. 10 lbs., \$1.00; 100 lbs., \$3.95.

AMMONIUM NITRATE—32.5 % Nitrogen

100-lb. bag, \$5.00.

BIG CROP 4-12-4

A well balanced plant food for commercial growers for feeding and making potting soil. Use 5-inch pot for wheelbarrow of earth. For grain and corn use 500 lbs. per acre. 80-lb. bag, \$2.50.

BONE MEAL 2-24

Best grade of steamed bone for general use. 2% nitrogen, 24% phosphoric acid. Used under glass or outside for nearly all plants. 100-lb. bag, \$5.50; ton, mkt. price.

CATTLE MANURE (2% Nitrogen, 1% Total Phosphoric Acid, 1% Potash)

This is a very high grade material, heat dried, and free from straw, being all pure cattle manure. 50-lb. bag, \$1.70; ton, \$58.00.

COTTON SEED MEAL

An organic fertilizer containing nitrogen, phosphoric acid and potash. A valuable fertilizer for acid loving plants. Will tend to keep the soil acid and supply plant food in one application. Apply at the rate of 5 lbs. per 100 sq. ft. 25 lbs., \$2.25; 100 lbs., \$6.00.

DRIED BLOOD (13% Nitrogen)

For indoor culture of flowering plants, Roses, Carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. Price, 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.50; 100 lbs., \$15.00.

HARDWOOD CHARCOAL (Granulated Fine)

For mixing in soil in seed flats, cutting benches and pot plants. 50-lb. bag, \$3.75.



HORN DUST (13% Nitrogen)

Best used for mixing potting soil; quick acting. 50-lb. bag., \$8.50.

HYDRATED LIME

For sweetening the soil. Used to neutralize acid soil on lawns and gardens. Use 50 lbs. for 20x100 ft. 10-lb. bag, 35c; 50 lbs., 85c.

IRON SULPHATE

(Copperas, also Ferrous Sulphate)

For acidifying the soil. Useful for developing and maintaining rich dark green foliage on Azaleas. Dissolve 4 ozs., in 5 gals. of water. Spray every 2 weeks, washing off foliage immediately after spraying. 5 lbs., 75c; 10 lbs., \$1.00; 100 lbs., \$3.75.

LOMA 5-10-5

Use Loma for feeding Carnations, Snapdragons, and all greenhouse plants. 5-10-5. 100-lb. bag, \$4.25; ton, \$60.00.

MINNESOTA HORTICULTURAL PEAT

Black Peat, fine for seed flats and potting soil. Approx. 3-bu. bag \$2.75.

MINERALIZED LOMA 5-10-5

Guaranteed fertilizer analysis of 8-8-8 plus all the essential mineral elements. Complete analysis on bag. 80-lb. bag, \$4.25.

MILORGANITE

A unique plant food, scientifically prepared, free from weed seed and all harmful organisms. For lawn and garden use 100 lbs. for 50x100 ft.

	Retail	Dealers Price
25-lb. bag	\$1.50	\$84.00 per ton
50-lb. bag	2.50	70.00 per ton
100-lb. bag	4.10	56.00 per ton

MURIATE OF POTASH—Potassium

Chloride

The chief use of Muriate of Potash (62% Potash) is the stimulation of root growth. 10 lbs., \$1.00; 100-lb. bag, \$5.50.

NITRATE OF SODA

16 per cent inorganic nitrogen, readily soluble and quickly available for side or top dressing, or in liquid manures. 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$5.00.

NuGreen—44 % Nitrogen

DuPont fertilizer compound for top or side dressing or by foliage application through leaves. 80-lb. bags, \$7.50.

PEAT MOSS, Horticultural

Adds organic matter, improves the texture, conserves moisture and aerates the soil. Gardeners use Peat Moss for packing and storing bulbs, such as Cannas, Dahlias, etc. Large standard bale, \$4.35.

SHEEP MANURE—Pulverized (2% Nitrogen, 1% Total Phosphoric Acid, 2% Potash)

This is a pure, natural manure. It is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. 50-lb. bag, \$1.70; ton, \$58.00.

SUPER PHOSPHATE

(20% Phosphoric Acid)

Used for Carnation soil and other crops requiring phosphoric acid. For grain and Corn use 500 lbs. per acre. 80 lb. bag, \$2.25.

SULPHATE OF AMMONIA

Highly concentrated, quick acting. Particularly desirable for lawns and gardens. 10 lbs. covers 2500 square feet or 50x50 feet. 10 lbs., \$1.00; 100-lb. bag, \$5.00.

SWIFT'S BLENN 3-12-12

A well-balanced plant food for commercial use on grain crops, alfalfa, soybeans and legumes, and grass pastures. 80-lb. bag, \$2.75; ton, \$57.60.

SWIFT'S BRIMM 3-9-18

Especially adapted for soils and crops needing additional potash. 80-lb. bag, \$2.60; ton, \$58.10.

GARDEN AND LAWN FERTILIZER

A Necessity to All Growing Plants

AGRICULTURAL GYPSUM

Agricultural Gypsum controls moisture and aids germination. Roots drive deeper as gypsum conditions the soil and growing crops are fed with calcium and sulphur. Gypsum is guaranteed to contain a minimum of 93% pure gypsum ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$) or equivalent, packed in 100-lb. bags, market price.

VIGORO CG

Commercial growers 8-8-8. Analysis with minor elements. Complete plant food. Packed 80-lb. bags. Per bag, \$3.75; 5 bags, \$2.95 per bag.

VIGORO AZALEA & CAMELLIA SPECIAL

Acid base, 6-8-8. Complete plant food. 5 lbs., 55c; 10 lbs., \$1.00; 25 lbs., \$1.80; 100 lbs., \$5.50.

VIGORO

COMPLETE PLANT FOOD

1-lb. pkg., \$0.15. 32 1-lb. pkgs. to case, \$2.88
5-lb. pkg., .50. 12 5-lb. pkgs. to case, 3.84

Available

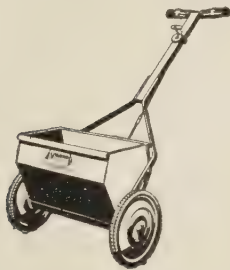
6% Nitrogen

10% Phosphoric Acid
4% Potash

Consumer's Price

Consumer's price Dealer's price
1-lb. pkg., \$0.15. 32 1-lb. pkgs. to case, \$2.88
5-lb. pkg., .53. 12 5-lb. pkgs. to case, 4.08
10-lb. pkg., .95. 6 10-lb. pkgs. to case, 3.78
25-lb. pkg., 1.70. Per Ton.....89.60
50-lb. pkg., 2.80. Per Ton.....78.00
100-lb. pkg., 4.55. Per Ton.....62.00

PLANT FOOD SPREADER



A good spreader assures better results because it applies fertilizer or seed evenly and accurately. Quickly adjustable. Simple to operate.

Model "BR" 18-inch width, 25-lb. capacity. Price, \$11.20. Shipping weight, 11 lbs.

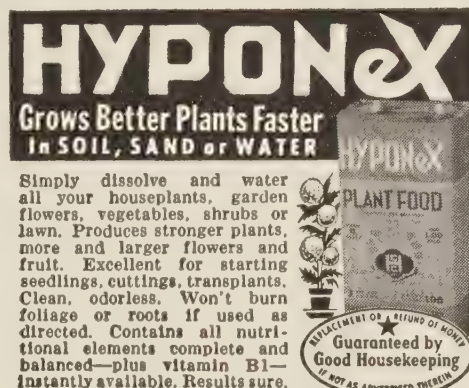
Junior Spreader. 18-inch width, 50-lb. capacity. Price, \$13.35. Shipping weight, 23 lbs.

Standard Spreader, 24-inch width, 80-lb. capacity. Price, \$47.05. Shipping weight, 65 lbs.

SPECIAL SPREADER, 36-inch width, 110-lb. capacity. Price, \$65.50. Shipping weight, 50 lbs.

RECOMMENDED APPLICATION OF COMMON FERTILIZER MATERIALS

Name of Material	Analysis: Nitrogen— Phosphorus— Potash	Rate of Application	
		Dry	Liquid
Ammonium Sulphate	20-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
Nitrate of Soda	16-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
Dried Blood	13-0-0	2 lbs. per 100 sq. ft.	Insoluble
Superphosphate	0-20-0	5 lbs. per 100 sq. ft.	Insoluble
Bone Meal	2-27-0	5 lbs. per 100 sq. ft.	Insoluble
Muriate of Potash	0-0-62	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
Iron Sulphate	0-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
Calcium Sulphate	0-0-0	3-5 lbs. per 100 sq. ft.	
Magnesium Sulphate	0-0-0	1/2 lb. per 100 sq. ft.	
Manganese Sulphate	0-0-0	1/4 lb. per 100 sq. ft.	



Simply dissolve and water all your houseplants, garden flowers, vegetables, shrubs or lawn. Produces stronger plants, more and larger flowers and fruit. Excellent for starting seedlings, cuttings, transplants. Clean, odorless. Won't burn foliage or roots if used as directed. Contains all nutritional elements complete and balanced—plus vitamin B1—instantly available. Results sure.

HYPONEX PRICES

1-oz. size	\$0.10	Ctn. of 72	\$4.80
3-oz. size .....	.25	Dozen	2.00
7-oz. size .....	.50	Dozen	4.00
1-lb.	1.00	Dozen	8.00
10-lb.	5.34	25-lb.	10.00
50-lb.	16.67	100 lbs.	26.67

PLANTABBS

Analysis: 11-15-20. Contain Vitamin B1. Plantabbs supply a complete balanced plant food of high analysis. Pkg. of 30 tablets, 25c; 200 tablets, \$1.00.

FOR RESALE

25c size—30 Tablets. Doz. \$2.00
50c size—75 Tablets. Doz. 4.00
\$3.50 size—1000 Tablets. Each. 2.35

RA-PID-GRO

Nitrogen form Urea—Analysis 23-21-17. Soluble in water and can be fed through the roots or foliage. Dealer Consumer
1-lb. size 12 \$10.00 doz. \$1.25 each
5-lb. size 6 18.00 case 4.50 each
10-lb. size 4 23.34 case 8.75 each
25-lb. size 1 14.00 each 21.00 each

NEW PLANT LIFE

A LIQUID PLANT FOOD. 1/2 teaspoon makes 1 quart of complete fertilizer. 3-oz. bottle, 25c; 2 doz. to case, \$4.00; gal., \$4.00.

TRI-GEN ROSE FOOD

A 5-10-5 Rose food made from organic (long lasting) and inorganic (quickly available) materials: Dealers Consumers
5-lb. bags, 12 to case, \$7.20 case \$1.00 bag
10-lb. bags, 6 to case, 5.76 case 1.60 bag

TERRA-LITE—Vermiculite

Terra-lite is mineral mica, heat processed at 2000° F. to expand it into a light, spongelike substance. Terra-lite retains a large amount of air in its microscopic crevices, yet can absorb several times its weight in water. It is not a fertilizer.

Starting Seeds: Perfect air-moisture control for speedy, dense root growth. High rate of germination, seeds easily plucked out for transplanting.

Rooting Cuttings: If you do rooting from cuttings you'll be amazed how quickly they develop in Terra-Lite, what masses of hair roots cuttings have.

Transplanting: Mix Terra-Lite in your soil before transplanting cuttings, seedlings, bushes, shrubs. Regular air-water feeding to roots.

Storing Bulbs: Ideal for this use; keeps bulbs firm and plump, prevents rotting.

TERRA-LITE (VERMICULITE) New Growing Medium

	Dealer	Consumer
4-qt. bag 12	\$2.94 bale	\$0.40 each
1/2-bu. bag 6	3.18 bale	.90 each
2-bu. bag 1	1.25 bag	1.85 each
4 cu. ft. bag (approx. 3 1/5 bu.)	1.60	2.25

INSECTICIDES AND FUNGICIDES

NOTE: All prices listed are subject to change. To the best of our knowledge, prices on supply items in this catalog conform to existing price established as of the date this catalog was issued.

NON-WARRANTY: Seller makes no warranty of any kind, express or implied, concerning the use of these products. Buyer assumes all risk of the use of handling whether in accordance with directions or not.

ARSENATE OF LEAD

A stomach poison used to combat most chewing insects. 1 lb., 75c; 4-lb. bag, \$1.85.

BENZO-FUME AZOBENZENE PRESSURE FUMIGATORS

1 lb., to each 10,000 cu. ft. For controlling greenhouse red spider in Carnations, Chrysanthemums and many other crops. 1/2-lb. can, 12 to case, \$3.20. 1-lb. can, 12 to case, \$5.50.

BLACK LEAF AEROSOLS

Insect killer for use in the home. 12 oz. can, \$1.60; case of 12, \$12.80.

BLACK LEAF 40

Nicotine sulphate for use against aphids, thrips and other sucking insects. Mainly used for outdoor crops because of its prolonged action.

1 oz.	\$0.35	Dozen	\$ 2.79
5 ozs.	1.00	Dozen	8.55
1 lb.	2.40	2 lbs.	4.15
5 lbs.	7.40	10 lbs.	12.65

BLACK LEAF ROTENONE DUST

1% Rotenone and 10% Sulphur on a special carrier material. Controls Mexican Bean Beetles and other chewing insects. 1 lb., 35c; 5 lbs., \$1.25.

BLACK LEAF GARDEN DUST

A combination of nicotine, rotenone, pyrethrum. Black Leaf Garden Dust controls many of the common chewing and sucking insects and fungous diseases.

	Retail	Dealers Price
1/2-lb. tins	\$0.65	Doz. \$5.10
1-lb. tins	1.15	Doz. 9.20

BORDEAUX MIXTURE (Dry)

For blight, mildew, rust, etc. Use for dry dusting or spraying. Dilute 1 pound to about 6 gals. of water. 1 lb., 50c; 4 lbs., \$1.50.

CERT-O-KILL

A 25% DDT concentrate. Use at the rate of 2 qts. to 100 gallons of water. Effective control of leaf hoppers, tarnish plant bug, etc. Gal., \$5.90.

CHLORDANE (40% Wettable Powder Black Leaf)

A very effective stomach poison for a few chewing pests that are resistant to DDT. Extremely effective in the control of grasshoppers. 5 lbs., \$3.50.

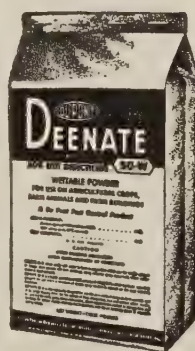
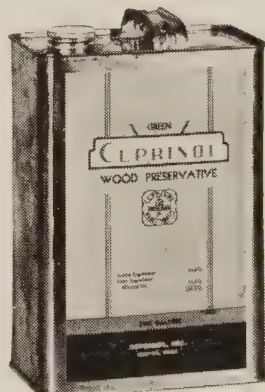
CHLORDANE (5% Dust)

For control of many garden and lawn pests such as ants, cutworms, chiggers, slugs, snails, grubs, etc. Also, for cockroaches, silverfish, carpet beetles, etc.

1-lb. can	\$0.35	Case of 24	\$5.28
4-lb. bag	1.20	Case of 12	9.52

WOOD PRESERVATIVE Cuprinol For Florists No. 14

Especially recommended for dipping and will result in a considerable saving to the grower in the protection of flats and stakes. In dipping the flats should be immersed in the liquid from 4 to 5 minutes. 5-gal. can, \$2.85 per gal.; 50-gal. drum, \$2.65 per gal.



Cyanogas Foot Pump

CUPRINOL No. 10

For wood. Dyed green for use on exterior and interior surfaces. Stops rot, fungus and wood destroying insects. Covers approximately 400 sq. ft. to the gallon. Will not harm plants.

1 gal.	per gal., \$4.70
5 gals.	per gal., 4.40
50 gals.	per gal., 4.20

CUPRINOL CLEAR No. 20

This grade is for use over stains or where surfaces are to be left a natural finish. Gal. \$4.70; 5 gals., \$22.00.

CUPROCIDE—Yellow

Fungicide plant spray for controlling blight. 3 lbs. makes 150 gallons of spray. 1 lb., 75c.

CYANOGAS G-FUMIGANT (Calcium Cyanide)

Excellent to control white fly, mealy bugs, leaf tiers and many other hard to control insects. Use 1/4 oz. per 1000 cu. ft. 5-lb. cans, \$3.75; 25-lb. cans, \$12.50.

CYANOGAS FOOT PUMP

Especially designed for applying Cyanogas A-Dust. Ruggedly constructed; lasts indefinitely. Price, \$14.00.

CYANOGAS "A"—DUST

For outside use in killing ants, rats, moles, woodchucks, gophers and ground squirrels. 1 lb., \$1.00; 5 lbs., \$3.75; 25 lbs., \$12.50.

CYANOGAS—Ant Killer

Does not rely on feeding habits of the ants. It kills them with gas. 4-oz., 40c size. Doz., \$2.90.

DDT DUST—5%

For dusting plants. Also used in storing gladiolus bulbs as a protection against thrip. 50 lbs., \$6.00.

DEENATE 75W (DDT) Wettable

A wettable powder containing 50% DDT which mixes readily with water and can be used for spraying crops. Recommended dosage for horticultural crops is 1 to 2 lbs. per 100 gallons of water. 1 lb., \$1.15; 3-lb. pkg., \$2.25; case of 16 3-lb. pkgs., \$33.60.

DETEX—25% Liquid

Liberty's DETEX. Correct dilution instructions on each can. Controls thrips, midge, leaf rollers, mealy bugs, leaf tiers, aphids, leaf hoppers, white fly. Qt., \$3.50; gal., \$11.00.

DIKILZ DUST

Hammond's DDT dust for control of leaf hoppers, flea beetles, various caterpillars and similar insects on flowering and vegetable crops. 1 lb., 35c; 5 lbs., \$1.20.

D-X INSECT SPRAY

A rotenone, pyrethrum, cyclonene spray non-poisonous to man that kills practically all the sucking and chewing insects that attack flowers, fruits and vegetables.

1 gallon can	\$14.60
1 quart can	5.55
1/2 pint can	1.75
4-oz. can	1.00
1-oz. bottle .....	.35

INSECTICIDES AND FUNGICIDES—Continued

DOGZOFF—Liquid

Protection against all animals. Spray on lawn or around objects to be protected. Lasts a long time. 3 oz. bottle, 75c; Doz., \$6.00; 12 oz. Aerosol Dispenser, \$2.25; Doz., \$18.00.

DOW 9-B SEED PROTECTANT

Controls Fusarium Rots of Gladiolus

Fusarium brown rot (corn rot, bulb rot, Gladioli). Freshly cleaned corms may be soaked in a mixture of 1½ pounds of Dow 9-B plus 2 pounds Fermate (or Ferradow) in 50 gallons of water. The corms are soaked for 5 to 30 minutes. 1-lb. cans, 90c each.

DOW'S DDT 75%—Wettable

A wettable powder especially prepared to mix readily with water for spraying. Contains 50% DDT. High DDT content gives sprays with minimum visible residue—an advantage on many crops. 3-lb. pkg., \$2.35; case of 16 3-lb. pkgs., \$33.60.

DOWFUME MC-2

A methyl bromide compound that has been found excellent to kill all weeds, weed seeds and soil insects including nematodes. It is used at the rate of 1 lb. per 100 sq. ft. applied under a gas proof cover, Visqueen Film or Sisal Kraft. Permits planting within 48 hours. 1-lb. can, \$1.00; case of 24 1-lb. cans, \$20.40; Jiffy Applicator with 20-ft. plastic tubing, \$5.50; with 10-ft. plastic tubing, \$4.50.

DOWFUME G

New rapid setting fumigant. Especially toxic to nematodes, eel worms, soil insects, millipedes, centipedes, pill bugs, etc. Permits replanting in 2 to 4 days. Water seal is only covering needed. 2 3/10 gals. to 1000 sq. ft. 10-gal. drum, 82 lbs. net, \$35.00.

DOWFUME G APPLICATORS

Highly satisfactory hand applicators. Adjustable for varied dosage. Will give years of service. Each \$22.00.

GARDEN DOWFUME

A soil fumigant containing Ethylene Dibromide. Very effective in controlling nematodes, wire worms, and other soil insects in home gardens. 1 gal. treats 400 sq. ft. 1-gal. can, \$1.75.

DOWKLOR-5%-DUST

A finished dust formulation for use against both agricultural and household insect pests. 1-lb. duster cans, 60c; doz., \$5.40.

D-WAX

Although D-WAX permits the transplanting of trees and shrubs at any time of year, it is, of course, true that best results will be obtained with D-WAX during favorable seasons for transplanting. Gal. \$2.50; 5 gals., \$11.50.

DRY LIME-SULPHUR

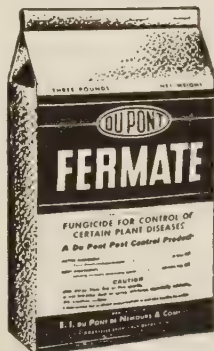
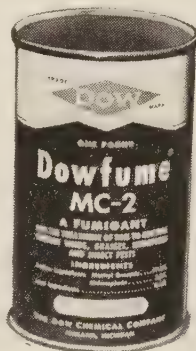
For dormant spray use 12 to 15 lbs. to each 50 gals. of water. 1-lb. can, 60c; 5-lb. can, \$2.25; 25-lb. drum, \$7.00.

DU PONT FLORAL DUST

For Roses and other flowers, too. Contains "Fermate" and sulphur for black spot, powdery mildew, rust of roses and many diseases of other flowers. Also contains methoxychlor and rotenone for Japanese beetles, Rose chafers, aphids and many other insects. 8 ozs., 79c; 1 lb., \$1.15; 4 lbs., \$3.50.

DU PONT FRUIT TREE SPRAY

Recommended for control of many insects and fungous diseases affecting Apples, Peaches, Cherries, Pears, Plums, Quince, Strawberries, Currants, Gooseberries. One pound makes about 13 gallons of spray. 1 lb., \$1.15; 3 lbs., \$2.75.



DU PONT VEGETABLE GARDEN DUST

Safe to use close to harvest. Contains "Parzate" fungicide, a safe control for blights of Tomatoes, Potatoes, downy mildew of Squash, Melons and Cucumbers. Contains methoxychlor and rotenone for control of Bean beetle, Cabbage worms, Potato beetle, Japanese beetle and many other insects. 8 ozs., 79c; 1 lb., \$1.15; 4 lbs., \$3.50.

DU PONT TOMATO DUST

Especially for control of Tomato blights and insects. Combines the safer insecticide, Du Pont methoxychlor, with famous Copper-A fungicide. Use as dust or spray. 2-lb. bag, 85c.



END-O-PEST

Easy to use End-o-Pest. It comes in an efficient exclusive dust gun package. Just a few quick strokes produces a thin cloud of dust.

	Retail	Dealers Price
10 oz. applicator gun,	\$0.79	24 to case, \$12.72
10 oz., refill cartridges,	.59	24 to case, 9.48

"EVER GREEN" GARDEN SPRAY

"Ever Green" garden spray is one of the most powerful general garden insecticides. It kills many of the common varieties of both chewing and sucking insects. A Pyrethrum spray for aphids, leaf rollers, leaf hoppers, midges, tarnished bugs, white fly.

	Dealers Price
1 oz.	\$0.35
Doz.	\$ 2.80
6 ozs.	1.15
Doz.	9.25
Pint	3.00
Doz.	20.90
Quart	4.10
Doz.	36.00

FERMATE—Fungicide (Ferbam)

This new fungicide which has been thoroughly tested gives remarkable control of plant diseases, with safety to all plants. Reliable specific for black spot on Roses, leaf spot on Chrysanthemums, Snapdragon rust, anthracnose of Tomatoes and brown rot of Cherries. Recommended for use against all fungi and mildews. ½-lb. pkg., 75c; doz., \$6.00; 3-lb. pkg., \$2.40; case of 12 3-lb. pkgs., \$27.00 per case.

EPN 300

EPN 300 Insecticide is a wettable powder insecticide which has given rapid and long-lasting control of certain species of mites on various fruits and nuts. Test data indicate it may also be recommended for the control of various insects, including Pear psylla, Plum curculio, and red banded leaf roller. 1-lb. can, \$1.90.

FISH OIL SOAP

For use as a spreader in using spray materials. Also as a wash on various plants for cleansing foliage. With nicotine sprays use 3 to 5 lbs. to 50 gals. of water. ½ pt., 50c; pt., 90c; qt., \$1.60; 25-lb. pail, \$7.00.

FORMACIDE FORMALDEHYDE DUST

For the control of damping off seedlings. Also a disinfectant against soil diseases. 1 lb., 85c; 5 lbs., \$2.50.

FLOWERS OF SULPHUR

A powder used to check mildew, dry rot and other fungous disease. 5 lbs., 75c; 10 lbs., \$1.20; 50-lb. bag, \$3.50.

INSECTICIDES AND FUNGICIDES—Continued

GRAFTING WAX

Grafting is done between January and April, according to locality. Use smooth, straight scion wood of one season's growth. When scions are set, wax thoroughly. This wax may be used by placing in warm water until soft enough to work. 1/4 lb., 35c; 1/2 lb., 60c.

GRAPE and ROSE DUST (Hammond's)

Basically a microfine sulphur compound useful to control blights, powdery mildew and black spot. 1 lb., 35c; 5 lbs., \$1.25.

DUPONT SPREADER-STICKER

Effective and economical wetter, spreader and sticker. We recommend its use with all sprays for greater efficiency.

Pint cans (1 lb.)\$1.15
Gal. cans (8 lbs.) 7.50

HAMMOND'S "75" DUST

As a general purpose dust No. 75 Stabilized Rotenone (contains 3/4% Rotenone) has proven a valuable aid to commercial growers and gardeners. Its highly toxic, non-poisonous ingredients are thoroughly dispersed and inter-mixed to give a perfectly uniform material. Kills by both contact and stomach action. Lb., 45c; 5 lbs., \$1.50.

LINDANE—25% Wettable

For Livestock Barns and Other Buildings. As a residual spray for control of flies, roaches, ants and mosquitoes, use at the rate of 10 pounds in 100 gallons of water. Apply to walls, ceilings, beams, window sills and other surfaces where flies come to rest. 1-lb. pkg., \$3.50.

MARLATE 50

MARLATE 50 is effective in the control of Mexican Bean beetle, Asparagus beetle, Cucumber beetles, flea beetles, Japanese beetle, leaf hoppers on Beans, Cabbage worms and Melon worms. As a spray for the control of the above insects use 2 to 3 lbs. of MARLATE 50 per 100 gals. of water. 4-lb. pkg., \$3.25; case of 12 4-lb. pkgs., \$33.60.

SULPHUR FOR DUSTING

An improved dusting sulphur for garden use. Controls mildew, leaf spot, black spot and rust. Also effective on red spider on evergreens. Particularly effective on Roses. 5-lb. bag, 75c; case of 10 5-lb. bags, \$6.50.

MIKE SULPHUR—Wettable DOW

More than 15 times finer than 325-mesh sulphur. Wets instantly and is the preferred wettable sulphur because of its fineness. Lb., 40c; 4-lb. bag, 65c; case of 12 4-lb. bags, \$6.00.

MOLITES RODENT KILLER

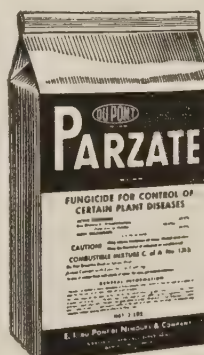
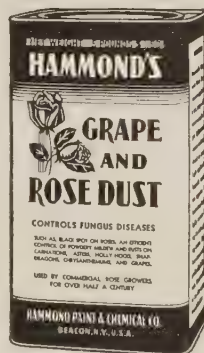
Molites are the new, improved "gas" type rodent destroyer—offering a more effective method of controlling moles, rats, gophers, field mice and other underground pests. Packed 3 dozen to a carton, each 15c; doz., \$1.50. Dealer's price, case of 12 doz., \$12.00.

MOLE NOTS

Life saver for lawns and seed beds. Trial size, 8 nots, 35c; display carton of 12 pkgs., \$2.80.

MOUSE-NOTS

Mouse-Nots are conveniently packaged and easy to use. Just place Mouse-Nots in attics, cupboards or wherever mice are in evidence. Excellent too for leaving around in beach cottages, cabins, summer homes, etc., that are closed over the winter season. Pkg., 25c. Dealer's price, \$2.00 per doz.



NAPHTHALENE FLAKES

Many growers spread these under benches to repel thrips, red spider and other pests. 1-lb. box 35c; 12 for \$3.60.

NICO-FUME POWDER PRESSURE FUMIGATOR

Insures better distribution of fumes and the most popular method of nicotine fumigation. 1/2-lb. cans, each 50c; 12 cans, \$4.60. 1-lb. cans, each 75c; 12 cans, \$7.95.

NICO-FUME LIQUID

For spraying and fumigating under glass. 2-lb. tin, \$3.45; 8-lb. tin, \$11.95; 40-lb. drum, \$51.60.

OPTOX (Formerly called Hitox)

A Pyrethrum-Rotenone spray. Optox is a contact insecticide as well as a stomach poison and may be used for the control of the chewing and sucking insects: aphids (plant lice), leaf hopper, thrips, white fly, leaf rollers, red spider, mildew and mealy bug. 1-pt. can, \$2.00; 1-qt. can, each \$3.70; 1-gal. can, each \$12.00.

NIAGARAMITE

For use in control of spider on Roses and certain mites on Apple and Peach trees, citrus and shade trees. 4-lb. pkg., \$3.75.

NNOR

Rotenone combined with special diluents which in themselves are effective insecticides. Gives high kill when used as a general greenhouse spray for red spider, (in young, adult and egg), green aphids, leaf tiers, leaf hopper, mealy bugs. Gal., \$10.00; 5-gal. pail, \$45.00.

RAT-NOTS

The household or 25c size of Rat-Nots contains nine individual "Nots." usually sufficient to exterminate nine rats. Pkg., 25c. Dealer's price, \$2.00 per doz.

RHOTHANE WP-50

A wettable powder containing 50% Rhothane (commonly referred to as DDD). 1 1/2 to 2 pounds of RHOTHANE WP-50 per 100 gallons. 4-lb. pkg., \$3.75.

PARADOW

Pure Paradichlorobenzene

Kills Peach tree borers. Best applied in fall but may be used in spring. Also useful to control slugs.

5 lbs.\$ 2.00
25 lbs. 7.50
100 lbs. 25.00

PARA-SCALECIDE

Para-Scalecide is a combination of Paradichlorobenzene and Scalecide, which makes a liquid application for Peach borers that is safe and effective on young or old Peach trees. Para-Scalecide is diluted 1 gallon to 7 gallons of water and poured against the base of the trees 4 to 6 inches above the ground in the fall or spring. It requires approximately 1/2 pint for 1- to 2-year-old trees, 1 pint for 3-year-old trees. Qt., \$1.45; gal., \$3.25.

PARZATE

DuPont fungicide for control of certain plant diseases and rust on Snaps and Carnations. 3-lb. bag, \$2.95; case of 12 3-lb. bags, \$33.00.

INSECTICIDES AND FUNGICIDES—Continued

THE MODERN
SCIENTIFIC WAY . . .
WITH

LETHALAIRE

Reg. U. S. Pat.-Off.



Applying Lethalaire in the Greenhouse, Showing Applicator and Protective Equipment. A Rubber Hood is Recommended for the More Toxic Formulations.

LETHALAIRE AEROSOLS

The ideal way to control insects. Fast, efficient and economical. Four seconds treating time to 1000 cubic feet.

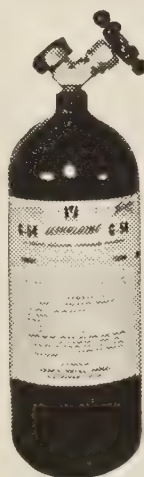
PARATHION BOMBS

Lethalaire G-54 10% Parathion

Contains Thiophos "3422" Brand of Parathion. Controls a large number of pests. Leafrollers, moths, rootworms, cockroach, white fly, mealy bugs, thrip, red spider, sowbugs, and aphids. Apply only with gas mask protection. Will treat 200,000 cubic feet. Case of 6 Parathion Bombs (\$8.00 each) \$48.00; Single Parathion Bomb, \$8.00. Deposit on cylinders, each \$3.75.

LETHALAIRE G-57 BOMBS

Contains Tetraethyl-dithio-pyrophosphate. Controls red spider, aphids, certain mealy bugs, white flies. Recommended for use on resistant strains of red spider. May be used where sulphur is present. Very safe on most plants. Will treat 200,000 cubic feet. Apply only with gas mask protection. Case of 6 G-57 Bombs (\$8.00 each) \$48.00; Single G-57 Bomb, \$8.00. Deposit on cylinders, each \$3.75.



TEPP BOMBS—Lethalaire G-52 5% Tepp

Contains T.E.P.P. technical Tetraethylpyrophosphate. Apply only with gas mask protection. Will treat 400,000 cubic feet. Controls red spider, aphids and some mealy bugs. Case of 6 Tepp Bombs (\$6.50 each) \$39.00. Deposit on cylinders, each \$3.75.

LETHALAIRE SUPPLIES

GAS MASKS—with GMC-1 Canister\$20.00
Extra Canisters 3.40
RUBBER GLOVES, pair 1.35
RUBBER HOODS, each 7.50
Applicators for the above with carrying sack. Set to treat 1000 cubic feet in 4 seconds. Lethalaire Applicators No. 30 (36-in.), each \$6.50; Lethalaire Applicators No. 40 (48-in.) each \$7.00. (Carrying sack included on above).

PARATHION (DOW'S) 15% Wettable Powder

Dow Parathion-15% wettable may be used on Apples for the control of mites, red banded leaf roller, mealy bugs and woolly aphid, also for the control of mealy bugs, aphids, leaf tiers and mites on nursery stock and ornamental shrubs. Use at the rate of ½ to 1½ lbs. per 100 gals. of water. 1-lb. pkg., \$1.25.

INSECTICIDES AND FUNGICIDES—Continued

RED ARROW GARDEN SPRAY

(Pyrethrum-Rotenone.) Kills many varieties of both sucking and chewing insects on vegetables, flowers, fruits. 1 oz., 35c; 4 ozs., \$1.00; pt., \$2.85; qt., \$5.00.

SCALECIDE

Spray every fruit tree, shade tree, shrub and vine that drops its foliage in winter with Scalecide, 6 gallons to 100 gallons of water (1 to 15.) Spray any time after the foliage is off in the fall or before the buds show in the spring, provided the temperature is warmer than 40 degrees. Qt., \$1.15; gal., \$2.75; 5 gals., \$9.30.

SELOCIDE

Kills red spider. SELOCIDE kills from 90 to 100 per cent of red spider (Tetranychus Telarius L.) in just one application. Selocide also kills the eggs and it does not harm tender plants when properly used. Gal., \$3.00.

SLUG SHOT (Hammond's)

An old favorite dust, effective against leaf eating insects and disease. Lb., 60c; 5 lbs., \$1.95.

SNAROL

Snarol—an attractive bait meal—will quickly rid your garden of cutworms, snails, slugs, sowbugs, earwigs and grasshoppers. Snarol is a ready prepared meal that you simply broadcast about plants and shrubs after you sprinkle them in the evening. Lb., 35c; 6 lbs., \$1.50; 10 lbs., \$2.25.

SODIUM SELENATE

Applied to the soil it is taken up by the plant tissues and kills the insects that may feed on treated plant. Especially effective for red spider on Snaps, Carnations and Mums, leaf nematodes. 4 ozs., \$2.75; 1 lb., \$7.00.

SODIUM SELENATE - KAPSULATE

Sodium Selenate plus Fertilizer in Capsules PROTECTS AND FEEDS AFRICAN VIOLETS and IVY, MUMS, BEGONIAS, FERNS, GERANIUMS, and OTHER POTTED FLOWER PLANTS

"One Capsule is effective for 3 to 4 months." Merely place the capsule on the soil in the pot. The capsule dissolves in 2 to 3 waterings. In 2 to 3 weeks, the chemical is absorbed by the plant.

7-Color EASEL

Holds 36 packets (3 capsules) 25c size and 2 boxes (18 capsules) \$1.25 size. Retail at \$11.50. Costs you \$6.90.

SULPHURON

DuPont Wettable Microfine Sulphur. 6-lb. bag, 85c; case of 8 6-lb. bags, \$5.50.

SULFOCIDE

A sulphur fungicide for fruits, vegetables and flowers. Use 1 qt. to 50 gals. water. Add spreader. 1-gal. can, \$3.15; 1-qt. can \$1.50.

TALC

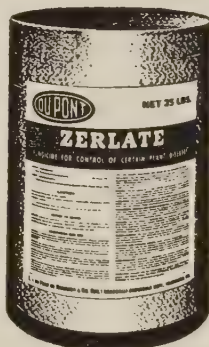
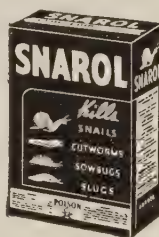
Used as a filler in mixing insecticides and dusting. 50-lb. bag, \$2.50.

TRI-GEN

For Aphid, Mildew, and Black Spot on Roses

All-purpose spray that gives positive plant protection. Kills all insects (chewing and sucking), controls mildew and black spot.

- E Kit (Makes 10 qts.).....\$1.35
- A Small Kit (makes 16 qts.) Protects 12 to 20 Roses for season 2.25
- B Medium Kit (Makes 64 qts.) Protects 50 to 80 Roses for season 6.00
- C Large Kit (makes 32 gals.) Protects 100 to 160 Roses for season 9.00
- D Estate Kit (makes 128 gals.) Protects 400 to 600 Roses for season 30.00



TARTAR EMETIC

For thrip, on Glads and Onions. Use 2 ozs. with 8 ozs. brown sugar to 3 gals. of water or 4 lbs. with 16 lbs. brown sugar to 100 gals. water. Lb., 80c; 5 lbs., 75c per lb.; 25-lb. drum, 70c per lb.

TREE TANGLEFOOT (Caterpillar Paste)

A sticky substance spread around the bark of trees to prevent creeping insects from climbing up the tree. Lb., \$1.50; 5 lbs., \$7.00.

VAPOTONE

Contains tetraethyl phosphates. The new organic insecticide that has been giving such spectacular results against red spider and aphids on Roses, Carnations, Gardenias, Mums, etc.

4 ozs.	\$0.85	Case of 24	\$13.60
Pint	2.50	Case of 12	20.00
Gallon			11.90

VOLCK, NURSERY

The scientific insecticide for nursery, greenhouse and garden. Controls scale insects. An oil spray used against mealy bugs, scale insects, red spider and white fly.

4 ozs.	\$0.35	Case of 24	\$5.60
Pint .....	.70	Case of 12	5.60
Gallon			2.85
5 gallons			8.50

WARFARIN - BLACK LEAF READY MIXED BAIT

A scientific method for the control of rats and mice—the most destructive animals in the world. Baits containing warfarin, the new rodent killer. 1-lb. carton, 78c; \$6.24 per doz.

ZERLATE

A newly developed fungicide possessing excellent adhesive properties on plants due to its resistance to washing off by rains and removal by other weathering factors. Although specific directions have not been furnished by DuPont as to its use on greenhouse crops, it has been used principally the same as Fermate. 3-lb. pkg., \$2.40; case of 12 3-lb. pkgs., \$27.00.

ZINC SULPHATE

Used as a softener in arsenate sprays on foliage, such as Peach trees, susceptible to arsenical injury. 1 lb., 35c; 5 lbs., \$1.25; 25 lbs., \$5.00.

FUNGICIDES FOR SEED, GRAIN, BULBS

NEW IMPROVED CERESAN

For Wheat, Oats, Barley, Cotton, Sorghums, Rye, Flax and Peas.

4 ozs.	\$0.50	1 lb.	\$ 1.30
4 lbs.	4.35	100 lbs.	85.00

SEMESAN

Used as a dust or in solution with water for treatment of seeds, corms, bulbs and seedlings. Reduces seed rotting and damping-off.

2-oz. can ...	\$ 0.60	12-oz. can ...	\$ 2.85
4-lb. can ...	13.40	25-lb. can ...	72.65

SEMESAN BEL

For Irish and Sweet Seed Potatoes. A dip disinfectant for seed Potatoes. One pound treats from 60 to 80 bushels.

2 ozs.	\$0.50	1 lb.	\$2.30
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ARASAN

For Corn, Peanuts and certain Vegetables. Reduces seed decay and damping-off for treating all your seed.

8 ozs.	\$1.00	4 lbs.	\$6.00
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CERESAN (2%)

For Cotton, Peas and Narcissus.

1 1/2-lb. can	\$1.75
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CERESAN M

For Wheat, Oats, Barley, Rye, and Peas.

14 ozs.	\$1.25	3-lb. can	\$3.55
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TERSAN 75

A DuPont fungicide for golf and lawn turfs, will prevent large brown-patch and dollar spot. 3-lb. bag, \$6.75; case of 12 3-lb. bags, \$62.00.

ROOT - FORMING CHEMICALS

HORMODIN POWDER

Root Cuttings—Faster—Better

No matter what plant you are growing from cuttings, you will have better results if you treat them with Hormodin.

Powder No. 1—Used on most soft wooded subjects grown by florists. 1 3/4-oz. tin, 50c; 1 lb., \$3.00.

Powder No. 2—For more difficult subjects. 1 3/4-oz. tin, 75c; 1 lb., \$4.50.

Powder No. 3—Used for hard wooded and hard to root items. 1-oz. tin, \$1.00; 1/2 lb., \$4.50.

Combination Package consisting of Powder No. 1, No. 2 and No. 3, in one carton. Each carton, 75c.

ROOTONE

Reg. U. S. Pat. Off.

HORMONE POWDER FOR CUTTINGS

Rootone, the plant hormone powder, for cuttings, seeds, tubers and bulbs. Just dip the base of the cutting or slip in Rootone, set in sand.

1/4-oz. pkg., 25c size, doz. pkgs.\$2.00

2-oz. jars (up to 3,000 cuttings) 1.00

1-lb. pkg. (up to 30,000 cuttings) 5.00

ROOTONE No. 10

2 1/2 times stronger than the standard. For woody cuttings. For slow to root Evergreen cuttings.

2-oz. jar\$ 2.00

1-lb. can 10.00



FRUITONE

FOR BETTER SET OF FRUIT OR SEED

This plant hormone spray will help develop a better set and a bigger crop of Tomatoes. Dilution: 2 ozs. to each 25 gals. of water. 2/5-oz. pkt., 25c per pkt., dozen, \$2.00; 2-oz. can, \$1.00.

TRANSPLANTONE

Transplantone, the hormone-vitamin powder for stimulating roots in transplanting. Makes shrubs, trees and plants in general, take root faster. 3-oz. cans, \$1.00; doz., \$8.00; 1 lb., \$4.00.

APP-L-SET

A plant hormone, containing Alpha Naphthyl Acetic Acid, to reduce pre-harvest drop of Apples and Pears. 1/4 pound makes 100 gallons of spray. 1/4-lb. can, 50c; case of 24 cans, \$8.40.

SURE-SET DOW

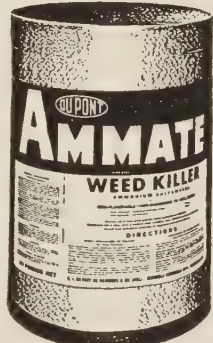
Sure-Set contains a plant growth control agent which overcomes the delay in the setting of fruit caused by low night temperatures. Dilute 1/2 pint to 3 gals. water and spray blossoms only. 4-oz. bottle, 85c; case of 24, \$14.40.

CHEMICAL WEED KILLERS

NOTE: 2,4-D Weed Killers must be used with extreme care around the greenhouse. Equipment used in spraying 2,4-D Weed Killers should not be used for spraying plants.

AMMATE WEED KILLER

Controls poison ivy and other noxious weeds. Keeps walks and roads clear with little trouble. Non-poisonous, fire retarding, clean, odorless, effective. 3/4-lb. diluted in 1 gal. of water will treat 100 sq. ft. 2-lb. jar, \$1.00; 6-lb. jar, \$2.70; 50-lb. drum, \$13.75.



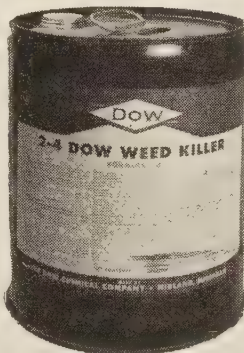
END-O-WEED

Available in sizes from half pint to gallon and in packets for small area spraying. 8 ounces of End-o-Weed treats 2000 sq. ft. of lawn. Kills dandelions.

Dealer Cost

1/2 pint (24 to case) 98c pint\$14.16 case

1 quart (12 to case) \$2.69 quart 19.44 case



DOW ESTERON WEED KILLER
Formula 44

Esteron 44 is a powerful 2,4-D weed killing formulation especially effective against many woody plants and certain hard-to-kill herbaceous weeds. Such plants as alder, aspen, birch, box elder, Canada thistle, field bindweed, goldenrod, Russian knapweed and many others. Use at the rate of 1 qt. of Esteron 44 in 100 gals. of water. 1-gal. can, \$6.50.

DOW SODIUM TCA 90%
WEED KILLER

Dow Sodium TCA 90% offers a practical means of controlling noxious perennial grasses. This new Dow weedkiller will kill Johnson grass, Bermuda grass. Dilution range is 1 pound in 1 to 2 gallons of water. If 100 pounds of Sodium TCA is required per acre, 100 to 200 gallons of water is suggested for proper application. 10-lb. can, \$6.00; 50-lb. drum, 46c lb.

DOW ESTERON 245

Recommended for use in controlling herbaceous and woody plants resistant to 2,4-D. Quart, \$4.75; gal., \$15.50.



2-4 DOW WEED KILLER 40

High in acid content and economical to use. It is ideal for low volume application. One pint treats 1 acre of small grains and grass seed crops; 2/3 pint treats 1 acre of Corn, Flax and Sorghum; 2 to 3 pints treat 1 acre of mowed turf such as a golf course; 2 teaspoonfuls make 1 gallon of spray which covers 250 square feet.

5-gal. drums gal. \$6.25

1-gal. cans (4 per case) gal. 5.75

HAMMOND'S WEED KILLER

Weeds, poison ivy and all vegetation are easily killed with this highly concentrated (stands dilution with 40 parts of water), easy-to-use material. Simply mix with water, apply with sprinkling can and all vegetation withers and dies. Do not use on lawns. Qt., 70c; gal., \$2.00; 5 gals., \$8.00.

WEEDONE CRAB GRASS KILLER

Contains 55% Potassium Cyanate for control of crab grass and chickweed. For killing chickweed and seedling crab grass use 3 1/4 ounces to 3 1/2 gals. water to treat 500 sq. ft. For killing mature crab grass use 6 1/2 ounces to 3 1/2 gallons water to treat 500 sq. ft. 6 1/2-oz. can, \$1.00; 26 ozs., \$3.00.

C. W. K. CHICKWEED KILLER

Active ingredient Sodium Arsenite and Potassium Cyanate. For seedling chickweed dissolve 1 ounce in 2 gallons of water to treat 250 sq. ft. For mature chickweed double this quantity. 6-oz. can, \$1.00; 1 lb., \$2.00.

P. C. 80 CRAB GRASS KILLER

Contains 80% Potassium Cyanate plus a special wetting agent. Not toxic to the soil and easy to use. For seedling crab grass mix 1 ounce in 2 gallons water to treat 300 sq. ft. For mature crab grass use 2 ounces in 2 gallons water to treat 300 sq. ft. 5 ozs., \$1.00; 1 lb., \$2.75; 6 lbs., \$10.50.

ZOTOX

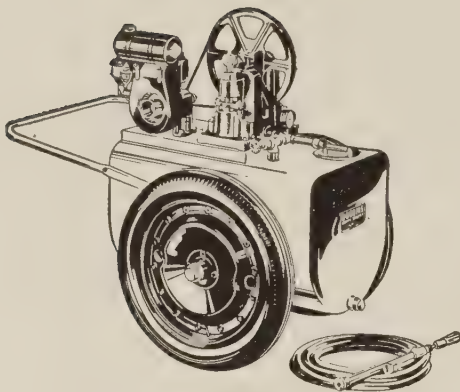
Kills crab grass without permanent injury to lawn.

Size	Packed Per Case	Shipping Weight	Retail Each	Dealer
				Cost Per Case
8 ozs.	12	12 lbs.	\$ 1.00	\$ 7.20
16 ozs.	12	24 lbs.	1.50	10.80
32 ozs.	6	20 lbs.	2.50	9.00
5 lbs.	2	16 lbs.	4.50	5.40
30 lbs.	1	65 lbs.	22.50	15.75

SPRAYERS

Prices subject to change without notice.

DOBBINS POWER SPRAYERS



4260R

No. 4260R POWER SPRAYER. Shipping weight 360 lbs.

Pump: No. 3197, 3 GPM, double cylinder, 300 lbs. maximum pressure, adjustable relief valve, pressure gauge.

Power: 1½ h. p. Briggs and Stratton engine.

Tank: 50 gallons, heavy steel, securely welded; rustproof on inside.

Discharge Equipment: 25 ft. of ½ in. high pressure, oil resistant synthetic hose, 35 in.; **Over-All Height:** 45 in.

Price, \$368.50.

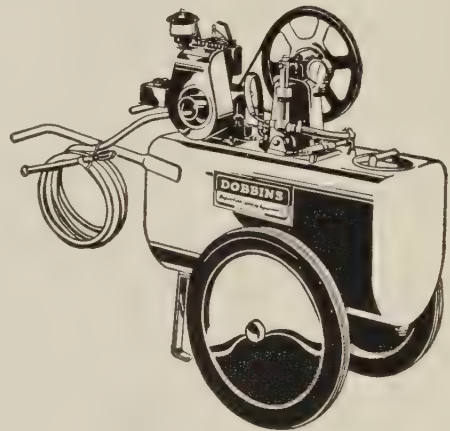
No. 4240R POWER SPRAYER. 1 h. p. engine; height 41½ in.; width 24 in.; weight 180 lbs.

Pump Capacity: 1½ GPM at 250 lbs. maximum pressure.

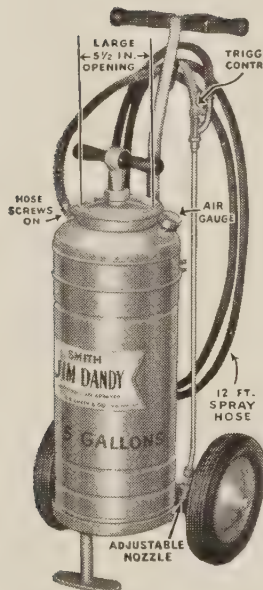
Tank: 25 gallons. Heavy, welded steel, rust proofed.

Discharge Equipment: 12½ ft. of ¾-in. high pressure, oil-resistant synthetic hose.

Price: \$219.75.



4240R



SMITH JIM DANDY CART SPRAYER

For all kinds of spraying. Weed-killer, etc. Tank capacity 5 gals. 21 in. high. 8⅞ in. diameter. Has air pressure gauge. Hose 12 ft. ¾-in. best grade. 2 ft. heavy brass extension. Automatic adjustable nozzle. Balloon tired wheels on roller bearings. Shipping weight 34 lbs. **Price:** \$33.50.

GREENHOUSE SPRAYER PARAGON No. 3A-1WR

Economical—Durable—Efficient

No. 3A-1WR. Standard equipment:

10-ft. special spray hose, 7½-ft. spray

pipe in 3 sections, 3

spray nozzles, all steel

truck with one 16x4.00

rubber-tired wheel. Ca-

capacity, twelve gallons.

\$49.95.

No. 3-1W. Same as above with steel wheel. **\$32.95.**

Air Gauge for above sprayers, No. 3A-1WR and 3-1W, \$3.50 extra.



3-1WR



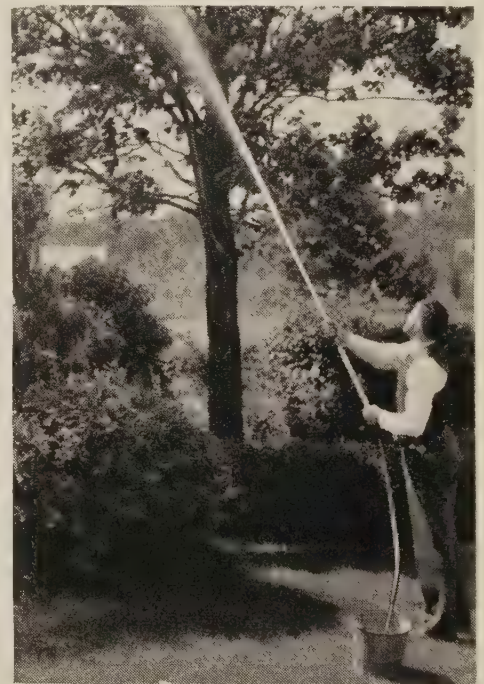
BLIZZARD SPRAYERS

The finest and most attractive sprayer ever made. Has brass twin nozzle; seamless brass pump; highly polished copper tank. 1 qt. Blizzard, all brass, \$4.25.



SMITH LIGHTNING SPRAYER

No. 24GO LIGHTNING—Open Top. Tank—capacity 3½ gallons. Armco zinc-grip, steel or solid copper, as ordered. Embossed graduated marks for measuring liquids. Electric seam welded with dome top. **\$8.95.**



Smith Speedex Sprayer

All-purpose sprayer. No tank necessary—just drop hose in bucket of spray material and pump. Spray adjustable to fine mist or 35-foot stream. For spraying with insecticides, white-washing or fighting fires. Heavy gauge brass. **Each \$11.25.**

GOGGLES WILSON MONO GOGGLES. Light weight goggle for protection of eyes while dusting or spraying. **Each \$2.25.**

RESPIRATOR Wilson Agrisol chemical cartridge respirator for protection in outside spraying of Parathion, DDT, or Nicotine. **Each \$4.60.**

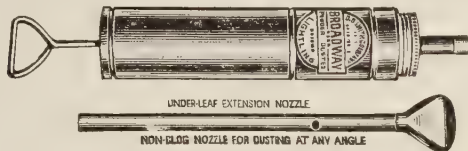
SPRAYERS AND SUPPLIES

Prices subject to change without notice.



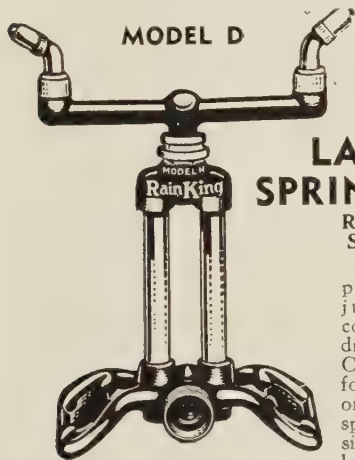
Smith 3 Sprayer

Is a dandy. It is made of heavy tin or Armco zinc-grip steel.
No. 3T. SPRAYER WITH TIN TANK. Qt., each 90c.
No. 3G. SPRAYER WITH GALVANIZED TANK. Qt., each \$1.25.



Smith No. 39 Duster

It is a very popular size for home, gardens, and for dusting different kinds of powder insecticides. Each \$1.75.



LAWN SPRINKLERS RAIN KING SPRINKLER

Chrome plated. Adjustable for coarse or medium shower. Can be used for revolving or stationary sprinkling by simply turning lock wheel.

11 1/4 in. tall; 9 1/4 in. from nozzle to nozzle.
Model H, \$5.50; Model D, \$4.75.

SMITH BRONX SPRAYER

Unexcelled for spraying plants in the home. Sprayer made entirely of brass, nickel-plated. Sprayer screws to glass bottle. Easy pump stroke up and down. Bronx Bottle Sprayer, qt. size, \$2.10.



No. 335G Hudson Climax

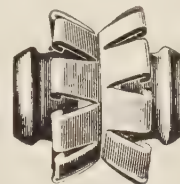
An excellent sprayer for all-around general use. 3 1/2 gallons. Our most popular sprayer. Shipping weight 10 lbs. Each \$10.90.

No. 341G Hudson Jr.

Hudson Climax Junior provides all of the features of the Climax, but in 2 1/2 gallon size. Lighter and smaller, it is generally more readily handled. Each \$9.80.

SPRAY NOZZLES

For compressed air sprayers.
No. 176. PERFECTION SHUT-OFF. With nozzle. Each \$2.00.
No. 161. PERFECTION SHUT-OFF. Nozzle; 2-ft. hose; 2-ft. extension. Each \$3.50.
No. 166. STRAIGHT FOG NOZZLE. Each.....\$0.75
No. 168. ANGLE FOG NOZZLE. Each..... .75
No. 149. SHUT-OFF COCK. Each..... 1.35
No. 75. MALE HOSE COUPLING. Each..... .40
No. 73. FEMALE HOSE COUPLING. Each..... .40



CLINCHER
HOSE MENDERS
1/2 in., 5/8 in., 3/4 in.
Each 20c; doz., \$2.25.

CLINCHER
HOSE COUPLINGS
1/2 in., 5/8 in., 3/4 in.
Each 35c; doz., \$4.00.

High Pressure Spray Hose

High Pressure—600 lbs.
3/8 in., 3-ply—Uncoupled. Per ft. ...24c
1/2 in., 3-ply—Uncoupled. Per ft. ...38c



Flat Spray Sprinkler No. 82

Cast brass. Each\$1.40

SKINNER SYSTEM NOZZLES

Silver Stream. Famous nozzle for outdoor use.

	Each
SS Silver Stream	...\$0.08
ST Short Throw	.... .12
ST 50 Degrees	.... .12
ST 80 Degrees	.... .12
Superior Greenhouse Nozzles	..... .35
Skinner Drill Bits	... 1.85



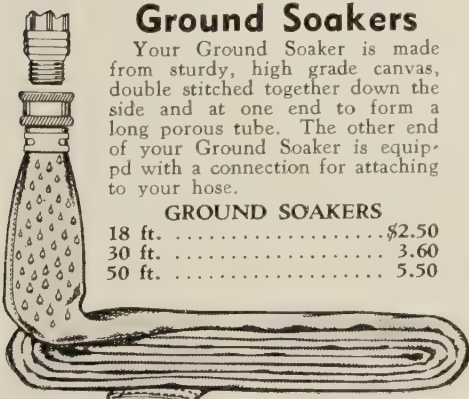
Superior

Canvas Kid Ground Soakers

Your Ground Soaker is made from sturdy, high grade canvas, double stitched together down the side and at one end to form a long porous tube. The other end of your Ground Soaker is equipped with a connection for attaching to your hose.

GROUND SOAKERS

18 ft.	.....\$2.50
30 ft.	..... 3.60
50 ft.	..... 5.50



Scollay's Florists' Sprinkler

None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. Price, \$1.50.

Putty Bulb—"Scollay"

For glazing or putty bulbing with liquid putty. Each \$1.45.

BOSTON HOSE NOZZLE

Can be adjusted from fine spray to stream. Price, \$1.10 each.

Seedling Sprinkler

No. 15. ROSS GARDEN ATOMIZER. This fog rose spray will lay a dew on young plants. It breaks the water into a fine fog. \$1.40 each.

Ross Spray Heads

No. 14. ROUND NOZZLE SPRAY. All brass, distributes water evenly; 3/4 inch connection. 70c each.

Garden Hose Plastic Goodyear Vinyl

The finest quality plastic hose we have found yet. Tough, yet pliable. Full-flow "pull proof" couplings of heavy brass. High bursting pressure, long life. Green color, 1/2 in. garden hose, per 50-ft. length, \$8.95; 25-ft. length, \$5.15.

Water Breakers

No. 400. DRAMM. Gives a large volume of water with very little pressure. 3/4-in. coupling. Each \$1.45.

SUPPLIES FOR THE GROWER

PLANT BANDS

All F.O.B.
St. Louis

All F.O.B.
St. Louis

Grow All Your Plants, Seeds, and Cuttings This Modern Way

STAPLED WOOD PLANT BANDS

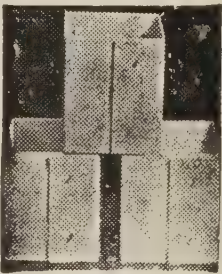


If in the market for 50,000 or over, write for special price. Sturdy plant bands made of cottonwood, securely fastened with two wire staples for quick setup. All bands are packed 1000 to a case except 4x4x4-inch which are packed 500 to a case.

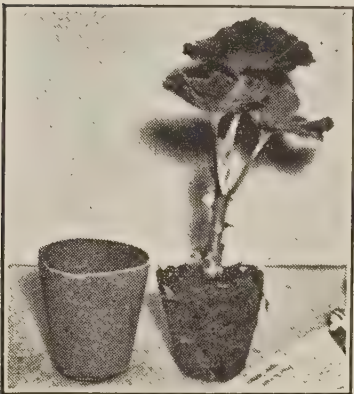
STAPLED WOOD PLANT BANDS

Size in inches	Weight per 1000	Per 1000	Size in inches	Weight per 1000	Per 1000
1 3/4 x 1 3/4 x 2 1/2	....28 lbs.	\$4.50	2 1/2 x 2 1/2 x 3	.....38 lbs.	\$5.20
2 x 2 x 2	....28 lbs.	4.50	3 x 3 x 3	.....45 lbs.	5.60
2 x 2 x 2 1/2	....32 lbs.	4.60	3 x 3 x 4	.....70 lbs.	5.80
2 x 2 x 3	....32 lbs.	4.90	4 x 4 x 3	.....90 lbs.	5.90
2 1/4 x 2 1/4 x 2 1/2	....28 lbs.	4.80	4 x 4 x 4	.....90 lbs.	6.80
2 1/2 x 2 1/2 x 2 1/2	....38 lbs.	4.90			

Packed 1000 to a case except 4x4x4-inch which are packed 500.



BIRD Red and Vita-POTS



RED. For shipping only. Not recommended for growing. Light weight and sturdily made to protect rootball from breakage—inner wax coating prevents drying out. A "must" to preserve the top quality of your plants in transit. Delivering quality promotes repeat business.

VITA-POTS. For growing and shipping—they are nutrient-treated. Growing results are similar to Vita-Bands. VITA-POTS prevent rootball disturbance. No handling and storage of heavy pots. VITA-POTS can be packed quickly and easily for shipment.

BIRD'S PAPER POTS

Red Pots for Shipping. Your plants will arrive in good condition and protect your reputation for shipping sturdy, healthy plants. They save packing time. Shipped to you set up and ready to use, these pots make shipping a simple one-step operation.

VITA-POTS. Grow and ship in the same pot—saves labor and leaves root ball undisturbed. Nutrient treatment, so successful in Vita-Bands, has now been applied to this sturdy resinous pot. Reduces watering.

Sold in Units of 1000 Only

Size	Prices per 1000	Red Pots	Vita-Pots
2 1/4 -inch (1000 per carton).....	\$ 8.60	\$14.30	
2 1/2 -inch (1000 per carton).....	8.70	14.85	
3 -inch (1000 per carton).....	9.15	16.40	
3 1/2 -inch (1000 per carton).....	12.20	21.60	
4 -inch (500 per carton).....	14.70	....
5 -inch (500 per carton).....	18.15	....
6 -inch (500 per carton).....	22.25	....
Discounts: 50,000—5%.			

Bird's VITA-BANDS

VITA-BAND 10: The low-cost, nutrient-treated band for growing periods up to 10 weeks.

VITA-BAND "D" is packed 2,000 to the case—except sizes 3" by 3", 4" by 3", and 4" by 4", which are packed 1,000 to the case. Vita-Band 10 is packed 2,000 to the case—except for 4" by 3", and 4" by 4", which are packed 1000 to the case.



VITA - BAND D contains root growth until grower chooses to let root through Band. Only quick,

slight pressure is needed to crack Band. Do not remove Vita-Band "D" when transplanting. Band disintegrates in the soil permitting free growth of roots from time of transplant. Nutrient-treated with quickly available plant food.



VITA - BAND 10 for short growing periods. Will usually contain root growth up to approximately 8

to 10 weeks. Nutrient-treated with quickly available plant food . . . your judgment determines need for additional feeding. Vita-Band 10 is identical to Vita-Band "D" except Vita-Band 10 is removed at time of transplant. Vita-Band "D" is not.

BIRD Tom Thumb FLATS



A



B

SPECIAL OFFER! Bring customers back to YOU for repeat business by using Tom Thumb Flats imprinted with your name. Use one of these attractive designs, with your ad printed on 4 sides for only \$3.00 per M additional charge. Choice of orange, yellow or light green imprinting. Tom Thumb Flats are made of heavy water proof fibre resinous material. Use with Vita-Band "D" or Vita-Band "10." The most economical way to sell potted annuals in dozen lots. Potted plants sell easier at premium prices. Build sales and repeat business with easier-to-set-out potted plants in this neat package.

No. 1 for 1 doz. 1 3/4 in. Bands

No. 2 for 1 doz. 2-in. Bands

Specify style A or B and color if imprinting is desired.

ADD \$3.00 PER M TO COST BELOW FOR PRINTING

Combination 1M Flats 12M Vita-Band D Per 1000 Sets		Combination 1 M Flats 12M Vita-Band 10 Per 1000 Sets		Sold in Units of 250 Sets	Tom Thumb Flats	
Size No. 1	Size No. 2	Size No. 1	Size No. 2		Size No. 1	Size No. 2
\$88.50	\$98.20	\$86.45	\$95.65	Only Per 1000	\$44.70	\$49.60

Price per 1000. Sold in units as packed.

		Packed Per Carton	Vita-Band D	Vita-Band 10 weeks
1 3/4 x 1 3/4 x 2 1/2 inches	.....	2000	\$ 4.05	\$ 3.90
2 x 2 x 2 1/2 inches	.....	2000	4.55	4.40
2 x 2 x 3 inches	.....	2000	5.20	4.90
2 1/2 x 2 1/2 x 3 inches	.....	2000	5.95	5.85
3 x 3 x 3 inches	.....	1000	6.90	6.75
4 x 4 x 4 inches	.....	1000	11.45	11.10

SUPPLIES FOR THE GROWER

"CLOVERSET" POTS FOR PLANTS



Made of tough waterproof fiber fabric, asphalt-coated, similar to roofing. We do not break cartons.

Standard Heavyweight Pots

Top diam.	Packed per Carton	Weight per 100	Per 100	Per 1000
5-inch, No. 0	100	35 lbs.	\$3.80	\$34.50
6-inch, No. 1	100	52 lbs.	5.10	48.50
7-inch, No. 2	50	80 lbs.	5.90	56.50
8-inch, No. 3	50	90 lbs.	6.60	63.00
12-inch, No. 4	25	200 lbs.	26.50	....

APRONS—Greenhouse

RUBBER: Medium heavy, soft and pliable, yet tough and durable. 45 inches long. Each \$3.65.

BAMBOO CANE STAKES

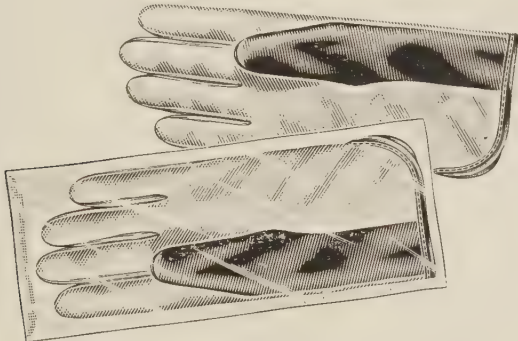
Green Dyed, Lead Pencil Thickness

	Bale		Bale
1½ ft., 2000	\$ 7.50	3½ ft., 2000	\$17.50
2 ft., 2000	9.50	4 ft., 2000	21.00
2½ ft., 2000	11.50	5 ft., 2000	25.00
3 ft., 2000	14.00		

HYACINTH STAKES

Pointed wood. Painted green.
1000 to bale.

12-inch bale	\$3.95	18-inch bale	\$5.25
15-inch bale	4.50		



GREEN THUMB GLOVES

Soft, washable for garden and house use. Small, medium and large. Specify size when ordering. Price, per pair, 85c.

GERMACO HOTKAPS

Ideal Method of Plant Protection

Excellent to protect early plants or seeds against frost, rain, wind and insects. Maintain perfect mulch, promote sturdy growth, increase yield and bring crops to maturity 2 to 3 weeks earlier. Easy to set out; directions on package. Made of waxed paper.

100 Hotkaps for \$3.25; 250 for \$6.25.

The 100 and 250 packages contain a fibreboard setter. 1000 to carton. Per 1000, \$15.50.

Steel Hotkap Setter, each \$1.95; Fibreboard Setter, each 25c.



HOZON

Hozon is a proportioner for applying soluble fertilizers and chemicals. Simply connect between water faucet and hose. Each \$2.25.

PLANT TUBS RICHMOND STYLE

Strongly constructed of wood and held rigid with 3 steel wire straps. Painted green.



No.	Inside top diam.	Price each
No. 2.	7 in.	\$1.40
No. 3.	8 in.	1.50
No. 4.	9 in.	1.65
No. 5.	10 in.	1.85
No. 7.	12 in.	2.40
No. 9.	14 in.	3.25
No. 11.	16 in.	3.95

GLAZING SUPPLIES

Master Mastics—Master Filler

Gun Grade. A superior grade which will not dry out or crumble. Seals tight, remains soft and pliable. Gal., \$4.35; 5-gal. can, \$21.25.

PERMA-GLAZE PUTTY

Gun GradeGal. \$3.10; 5 gals., \$15.00

GLASS CUTTERS

Fletcher's Bronze Bearing, 35c each; doz., \$3.50.

GLAZING CHISEL

For applying glazing brads. Each \$2.50.



GLAZING GUN

Best for liquid putty.

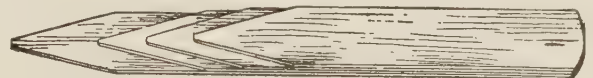
No. 32.	32 Cubic Inch, 10-in. Barrel	\$4.50
No. 45.	45 Cubic Inch, 14-in. Barrel	6.50

GALVANIZED WIRE BRADS

Easy to drive and made so they will not wedge or crack the glass in driving. The head gives a good surface and makes it very easy to drive with a chisel. ⅜ inch—1 lb. packages, 1600 points, 45c.

LABELS

POT LABELS. Packed in. Prices per 1000. ⅝ in. wide.



Size	Pounds Per carton	Prices per 1000	Plain	Painted
4-inch	3½	\$2.75	\$3.30	
5-inch	4¾	3.00	3.60	
6-inch	5½	3.30	4.05	
8-inch	4	4.80	6.00	
10-inch	5	5.80	7.10	
12-inch	6	6.80	8.40	
4", 5", 6", 1000 per carton; 8", 10", 12", 500 per carton.				

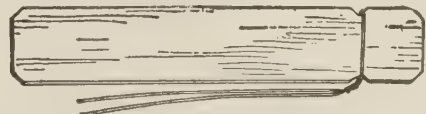
We do not break the cartons.

GARDEN LABELS

Size	Pounds per carton	Packed in cartons	Price per carton	Plain	Painted
8x7/8 inches	2¾	250	\$2.00	\$2.25	
10x7/8 inches	4	250	2.25	2.50	
12x1/2 inches	2	100	1.60	1.85	

We do not break the cartons.

TREE LABELS—Wired



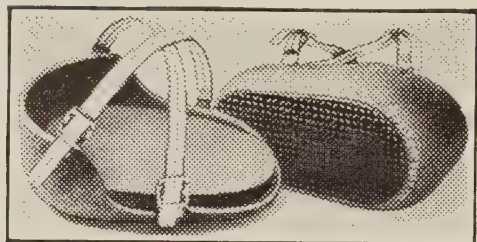
Packed 1000 to carton. We do not break the cartons.

	Per 1000
Plain—Weight 4 lbs.	\$3.40
Painted	4.20

WEATHERPROOF PENCILS

For marking labels. Will not rub off or fade. Each 10c; doz., \$1.00.

SUPPLIES FOR THE GROWER



KNEE PADS

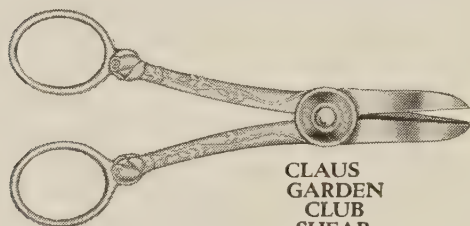
A practical, serviceable, comfort-giving knee cushion. Per pair, \$2.25.



PANSY BASKETS

	100	500	1000
1-quart	\$3.25	\$15.00	\$28.00
2-quart	3.50	17.00	32.00
3-quart	4.00	18.25	34.00

PRUNING SHEARS



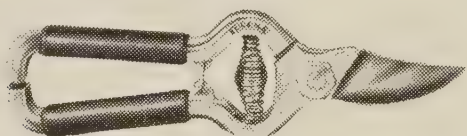
CLAUS
GARDEN
CLUB
SHEAR

A perfect flower and holding shear—snips and grips in one easy scissors cut, without damaging the stem. 6½ inches long. Fine polish, nickel plated. \$2.75.

CORONA CLIPPER



A very handy workroom shear. New, heavy duty style especially designed for the florist. No. 21-S. Straight blade. Each \$2.75.



PROFESSIONAL HAND PRUNER

Corona-Rieser Pattern

No. 80. Made of the finest steel, 8 inches long, for trimming shrubs and trees. \$5.25.



SLICE CUT SHEAR

No. 89-A. Fits the hand like a glove—natural curvature prevents slipping of hand. Highest quality carbon steel. Each \$2.95.



CORONA GRASS SHEAR

No. 5. Coronalloy steel, the finest cutlery steel available, is used throughout its construction. It's a light weight shear, beautifully finished and polished. Each \$3.25.

SEED SOWERS

Very popular and extensively used. The bag holds about ½ bushel of seed. It is easily operated.

Cyclone Seeders, standard, \$3.90
Tin Horn Seeders, each, 1.75

SHADING FOR GREENHOUSES

White Shading

50-lb. bag, sufficient for 600 to 700 sq. ft., \$1.50.



SHEET MOSS

Sheet Moss green for lining hanging baskets. 5-lb. box, \$2.25.

SPHAGNUM MOSS

Carefully selected. Finest quality. Free from sticks and other refuse. Gathered from the finest swamps.

Weight, per bale, approximately 20 lbs.
Per bale\$2.85 10 bales\$27.50

SISALKRAFT

A most satisfactory and economical cover for sterilizing of soil and shading Pompons.

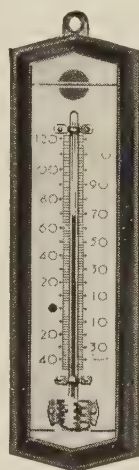
	Per roll		Per roll
4 ft. x 166 ft.	\$14.98	6 ft. x 166 ft.	\$22.50
5 ft. x 100 ft.	11.25	7 ft. x 142 ft.	22.50

THERMOMETERS

Comfortmeter Wall

Thermometer

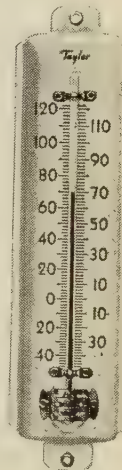
No. 5140. Magnifying lens tube with non-fading red liquid. Range suitable for outdoors. Ivory finished scale on grey finished wood back. Each 90c.



No. 5140

Outdoor Wall Thermometer

No. 5033. Has 7 in. vitreous enameled scale with flanged sides. Magnifying lens tube with non-fading red liquid. Each 90c.

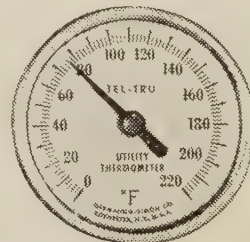


SOIL THERMOMETER

Tel-Tru Dial Stem

New type, highly recommended for measuring soil temperatures. Easy to read, very accurate. Very handy to use when steam sterilizing. Dial diameter, 2½". Stem length 6". 0° to 220°.

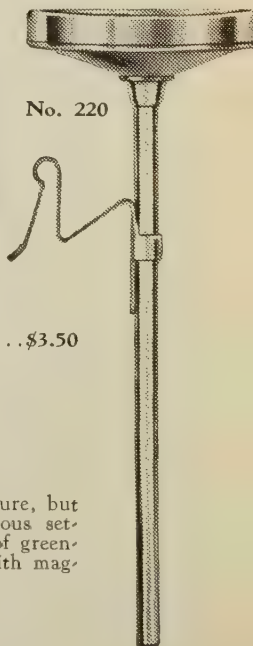
No. 220. Each.....\$3.50



No. 220

Maximum-Minimum Thermometers

No. 5448. Not only indicates present temperature, but highest and lowest temperatures since previous setting. Favorite among orchardists, operators of greenhouses and cold storage plants. Complete with magnet for resetting. Each \$10.00.



HUMMERT SEED CO.
BULBS, FLOWER AND GARDEN SEED
2746 CHOUTEAU AVE. ST. LOUIS, MO.
Phone: GRand 0646

Chg. _____

Firm
Name

Please use same Firm name on all orders to avoid confusion

Street or R. F. D.

City and State

Check

Stamps

Money Order

**For Which
We Enclose**

\$

\$

\$

How Shall We Ship?

MAIL

EXPRESS

FREIGHT

or Best Way

Have you included postage to cover items not prepaid?

Name Your Railway (or Truck Line).....

A. H. HUMMERT SEED COMPANY gives no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants it sells. It is expressly agreed that the limit of liability for all claims for loss or damage due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

Quantity Wanted	NAME OF VARIETIES WANTED	Amount	
For additional space, use other side		TOTAL	

Amount brought forward from other side

[illegible]

FROM

A. H. HUMMERT SEED CO.

2746-2748 CHOUTEAU AVENUE

ST. LOUIS 3, MO.

FLOWER—GARDEN—LAWN SEED—BULBS

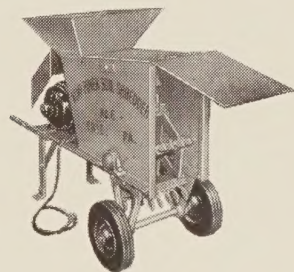
SUPPLIES FOR THE GROWER

KEMP POWER SOIL SHREDDERS

Prices are F.O.B. Erie, Pennsylvania.
Subject to change without notice.

- No. 6 Complete with 1½ HP Gas Engine, mounted on truck with wheels.\$170.00
- No. 6 Complete with ¾ HP Electric Motor.\$182.00
- No. 1 Complete with 1½ HP Electric Motor, switch and 10' of cord, mounted on truck with wheels.\$490.00

Designed to handle heavy compost under all possible conditions. Low in price, economical to operate. Saves labor and time. Available in three sizes. The machine pictured is the No. 6. A very reasonably priced machine for the small grower. Powered with ½ or ¾ H. P. electric motor that can be plugged in any socket. Will handle all that one or two men can shovel.



MAGIC WEEDER—SPRING TOOTH

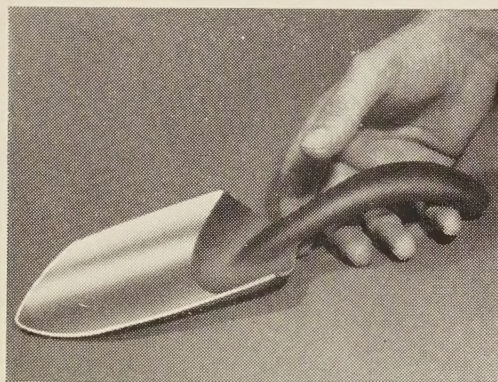
One of the most popular garden tools. Light in weight, comfortable handle. Has unique device for bringing tines closer together so that weeding can be done between more closely spaced plants.

Each Doz.
Style C. 5½-in. wood handle.....\$0.35 \$4.00
Style B. 18-in. wood handle......50 5.50

GARDEN TROWELS

No-Blist'r Trowel

Here is a garden tool that is really designed for the comfort and protection of the gardener. Based on the laws of leverage, the angle of the handle utilizes full working energy. Each \$1.25; doz., \$13.75.



MARKLE'S TROWEL

One-piece aluminum alloy construction provides super strength, featherweight lightness.

MARKLE'S ALUMINUM TROWEL. 75c.

MARKLE'S TRANSPLANTING TROWEL. 70c.

ASPARAGUS KNIFE or WEEDER

V-shaped blade, polished. Can be used as a weeder. Each 65c.

PEARL CHIPS

PEARL CHIPS, White. For growing bulbs in bowls. 10 lbs., 75c; \$4.50 per 100 lbs.

PEARL CHIPS, Colored. 10 lb., 90c; \$5.50 per 100 lbs.

RAFFIA

Natural, best grade. 1 lb., 65c; 10 lbs., \$6.00.

RUST PREVENTIVE "Carters"

For rust-proofing pipes, boilers, stacks and all iron or steel work around the greenhouse. A Carter's Rust Preventive will withstand temperatures of 500° to 550° F. and expands and contracts with the metal without cracking, peeling or chipping. Will cover 450 to 550 sq. ft. of surface to the gallon. Available in black.

Black. Per gallon.....\$3.95
5 gals., per gallon..... 3.90

TRI-SODIUM PHOSPHATE

Used for washing and cleaning out sprayers. Be sure to rinse thoroughly to avoid corrosion of the metal. Use 2 tablespoons to 1 gallon of water, or 3 lbs. to 100 gallons of water. 25 lbs., \$3.50; 50 lbs., \$5.00; 100 lbs., \$7.50.



TWIST-EMS

Handy! Speedy!
PLANT TIE

TWIST-EMS

Twist-Ems are dark green, strong tapes with wire reinforcing making that perfect plant tie. Simply put around the stem and support and twist.

Pkg. of 125 Twist-Ems (8 in.)\$0.25
Carton of 24 pkgs. Per carton 4.25
Pkg. of 125 Twist-Ems (16-in.)50
Carton of 24 pkgs. Per carton 8.25
250-ft. continuous roll, packed 12 to carton: \$8.00 per carton;
\$1.00 per roll.

TREE WOUND PAINT

A very adherent and long lasting antiseptic dressing for sealing and waterproofing tree wounds. Prevents infection of pruned or damaged portions. Also good for grafting purposes. ½ pt., 65c; pt., \$1.20; qt., \$2.25.

TWINE

(For Tying Boxes, Cartons)

Binder Twine, 8-lb. ball, \$2.75; 48-lb. bale\$15.50
Sisal Twine, 2-ply; 5-lb. ball, \$2.60; 50-lb. bale 22.75

COTTON TWINE—Very Best Grade

In balls, 3-ply; 5-lb. bag\$4.70
In balls, 4-ply; 5 lb. bag 4.70
In 2½-lb. cones, 3-ply and 4-ply 2.40

SEA ISLAND TWINE

Used for wrapping small packages. Also for sprays and design work. Blue, red, pink, lemon, orange, purple, red and white, blue and white, in 2-lb. cones, at \$2.65.

JUTE TOMATO TWINE

2-ply, ½-lb. balls, best grade. 40c per ball; 10 balls, \$3.50.

VISQUEEN FILM

Plastic film recommended by the Dow Chemical Co. for covering when using MC-2. Visqueen film has a wall thickness of .004" and is light and easy to handle.

Per Roll
10½ ft. x 100 ft.\$26.25
13½ ft. x 100 ft. 33.25
16 ft. x 100 ft. 40.00

WOOD PRESERVATIVE—DOW

PENTACHLOROPHENOL. Particularly designed for treatment of fence posts and other woods to which paint will not be applied. 5 gals., \$9.50.

Selected . . .

VEGETABLE SEEDS

Pages 1 to 7



Tomato, Rutgers Certified
See page 7

A. H. HUMMERT SEED CO.

2746 - 48 Chouteau Ave.

St. Louis 3, Missouri